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ANNUAL REPORT

OF

From The Board of

POLICE AND FIRE

Commissioners

OF THE

City of Grand Rapids

MICHIGAN

For the Year Ending April 30th

1893

WEST MICHIGAN PRINTING COMPANY

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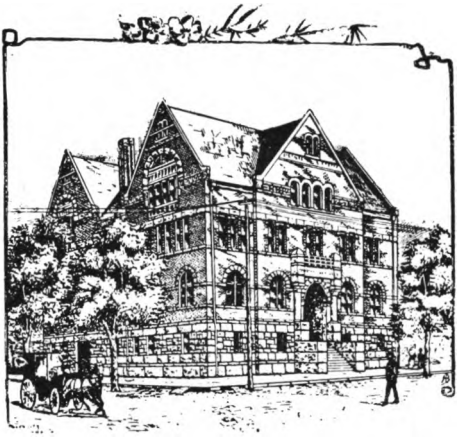
ANNUAL REPORT

OF

THE BOARD OF POLICE

AND

FIRE COMMISSIONERS



OF THE CITY OF

GRAND RAPIDS

MICHIGAN

FOR THE YEAR ENDING APRIL 30, 1893

WEST MICHIGAN PRINTING CO.
1893

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BOARD ORGANIZATION

FOR THE YEAR ENDING APRIL 30, 1893.

ADOLPH LEITELT, - - - PRESIDENT

B. F. McREYNOLDS, - - SECRETARY

MEMBERS.

ADOLPH LEITELT, 1893

FREDERICK LOETTGERT, 1894

IRA C. HATCH, 1895

CHARLES H. BENDER, 1896

LEWIS H. WITHEY, 1897

COMMITTEES.

FINANCE.

CHARLES H. BENDER FREDERICK LOETTGERT

PROPERTY.

IRA C. HATCH LEWIS H. WITHEY

MEN AND DISCIPLINE.

LEWIS H. WITHEY IRA C. HATCH

RULES AND REGULATIONS.

FREDERICK LOETTGERT CHARLES H. BENDER

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BOARD ORGANIZATION

FOR THE YEAR ENDING APRIL 30, 1894.

FREDERICK LOETTGERT, - PRESIDENT
B. F. McREYNOLDS, - - SECRETARY

MEMBERS.

FREDERICK LOETTGERT, 1894
IRA C. HATCH, 1895
CHARLES H. BENDER, 1896
LEWIS H. WITHEY, 1897
WILLIAM JUDSON, 1898

COMMITTEES.

FINANCE.

CHARLES H. BENDER — IRA C. HATCH

PROPERTY.

IRA C. HATCH — LEWIS H. WITHEY

MEN AND DISCIPLINE.

LEWIS H. WITHEY — WILLIAM JUDSON

RULES AND REGULATIONS.

WILLIAM JUDSON — CHARLES H. BENDER

HOUSE COMMITTEE.

CHARLES H. BENDER — WILLIAM JUDSON

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OFFICE OF THE

Board of Police and Fire Commissioners.

GRAND RAPIDS, MICH., April 30, 1893.

To the Honorable Board of Police and Fire Commissioners:

GENTLEMEN: I herewith submit for the consideration of your honorable body the annual reports of affairs pertaining to the several departments under your control.

Respectfully,

B. F. MCREYNOLDS,

Secretary.

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In Memoriam.

WM. L. RUSCO,

Died January 28, 1893, at the St. Mark's Hospital after undergoing an operation.

HE WAS APPOINTED PATROLMAN

FEBRUARY 13, 1891,

AND PROVED HIMSELF A BRAVE AND EFFICIENT OFFICER.

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ANNUAL MESSAGE

OF

PRESIDENT LOETTGERT.

Gentlemen of the Board:

From this day it becomes my duty to assume the office of President of this Board for the ensuing year, although I had to fill that position a large part of last year, on account of the ill health of our worthy retired President, Adolph Leitelt, who has been unable, on account of sickness, to meet with us but part of the time. Our best wishes follow him at his retirement from the Board, hoping that he may regain his full health at the approaching of better and warmer weather, and rest from all business, which he now enjoys.

I will try to fulfill the duties and responsibilities of the office, with your kind assistance, to the best of my ability. Since the Police Department has occupied its present nice building, we find that every branch of the Department has well arranged and commodious quarters, and it would be hard to find a building anywhere so well arranged as it is our good fortune to possess, and when the new cells now contracted for—the front cell rooms are finished—to separate women and children detained, from the men's cell room, it will be complete in all its re-

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quirements. Our patrol system has been extended as much as is deemed expedient with the growth and extension of the city, without materially increasing the expense of the Department, and the economy practiced by this Board in the past should be followed in the future, in the interest of our taxpayers. But the time has come when a sufficient amount should be appropriated for the building of a small sub-station in the southern and another in the northern part of the city, with a few cells in each, and a small patrol wagon, such station to be in charge of four or six men, who could give quick service when needed, as the run for patrol wagons from our present headquarters to these parts of the city is from four to five miles. Detroit now has eleven sub-stations.

There has been a remarkable decrease in the violation of the liquor laws, as most of the men engaged in the business are willing to obey the laws; it is only a few that are persistent violators, who cause this Department endless trouble, and large expense to the city, in trying to make them live up to the law as to the hours of closing and selling on Sundays. But there is another class of dealers who should have closer attention of the Police Department—those who, under the disguise of keeping a drug store, sell more liquors contrary to law without paying a license, than the same number of saloon-keepers, who are taxed for selling the same.

It has been the effort of this Board, in the past years, to suppress gambling with all means of the law at our disposal, and I recommend that the same policy be continued in the future, and if it cannot be

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entirely suppressed or rooted out, no more than an army of policemen could prevent stealing or other crimes, it can be reduced to a minimum by constant vigilance of our officers.

As to the solving of the problem suppressing the social evil, we are now no nearer than we were years ago. It is a question in my mind, and I know the other members of the Board are with me, that the policy adopted at the request of the Common Council and other well meaning citizens, is not the proper course to pursue to stop or reduce the same. A warfare on the houses of prostitution is only followed by driving that class of women into the business blocks of our principal streets, where they follow their vocation and where no control over them can be had by our officers, and where it is almost impossible to get evidence against them.

Our city has been remarkably free from depredations and crimes during the past year, compared with other cities of the same population, and crooks have given this place a wide berth, thanks to the vigilance of our officers. But during the coming summer, a sharp lookout will have to be kept, on account of our close proximity to Chicago and the World's Fair, which will attract a large number of crooks from all over the country, of whom some may favor us with their unwelcome visits, if their presence in Chicago should get too dangerous to their liberty, and it be desirable for them to leave without notice of their departure or their destination.

Our ambulance service is now an important part of our Police Department, and judging from the number of calls for its use, it seems surprising that

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we did get along without it in the past. But there is an impression among the public that the same can be had on call for moving patients from houses to hospitals, or vice versa. While, under the rules of the Board, the ambulance is sometimes allowed, by permission of the President, when a sick person cannot be moved in a hack or other conveyance, the public should bear in mind that the same is subject to calls at any time in case of accidents on streets, railroad crossings or factories, and should not so often put the President in a position to refuse a request for the use of the same, if ever so much disposed to be accommodating.

Our Fire Department, under the management of our efficient Fire Marshal and his able assistants, is now in good condition and fully equipped with the best of apparatus. There has been added to our apparatus an ærial ladder and two new hook and ladder trucks, made by our home manufacturers, which are giving good satisfaction; also a new engine to take the place of the old No. 2. There will not be any need for more apparatus at present, except as our city grows and extends; but I should recommend that a sufficient amount be placed in the budget for a new engine, which might be placed in No. 7 Engine House, on Madison Avenue, and which could be placed in service for temporary use at any other house, should any of the engines now in use give out or need extensive repairs.

I should also recommend that during the ensuing year suitable locations be selected and purchased for an engine house in the southeast and north parts of the city, as the steady growth of our city in these directions will make it necessary, in the near future,

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to build new engine houses, and property now could be had at a very reasonable figure.

Something should be done to carry out the recommendation of our Fire Marshal, which is now in the hands of the Common Council, to do away with the net-work of wires for telegraph, telephone and electric lights on the streets in front of our high blocks in the business part of the city, either by having them put under ground, or carry them by single cables out of the way, for prompt and efficient service of our hook and ladder companies.

Respectfully,

F. LOETTGERT.

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DEPARTMENT OF POLICE

OF THE

CITY OF GRAND RAPIDS.

HEADQUARTERS POLICE DEPARTMENT,
GRAND RAPIDS, MICH., April 30, 1893.

To the Board of Police and Fire Commissioners:

GENTLEMEN: I herewith submit to you the report of the Grand Rapids Police Department, for the year ending April 30, 1893.

In making this report, owing to the fact that I was connected with the Department for only the last thirty days of that period, I am placed at a disadvantage, which is manifest.

The year was marked by the completion and occupancy of the new headquarters building, which has, I believe, in turn marked the opening of a new era in the Police Department. With the splendid equipment and facilities at command, and the natural and just pride inspired throughout the force, I feel that we have been justified in expecting an increased degree of efficiency, nor have we, I think, been disappointed.

During my tenure, the members of the force in the several branches have been doing effective work. I have found good feeling and a desire to perform duty conscientiously, prevailing with the members.

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The satisfactory working of the Department, however, may in some lines, I think, be furthered by a few changes, and after longer experience and greater familiarity with my duties, I will make such recommendations as may from time to time seem advisable.

Subjoined are the reports of the several branches of the Police Department, which show in detail the work done during the year.

Respectfully submitted,

HARVEY O. CARR,

Supt. of Police.

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STATISTICS

PERTAINING TO THE POLICE FORCE, TOGETHER WITH MISCELLANEOUS WORK.

THE FORCE ON APRIL 30, 1893.

RANK.	NAME.	NATIVITY	DATE OF APPOINTMENT	YEARS' SERVICE.
Superintendent	Harvey O. Carr	Indiana	Feb. 24, 1893	.....
Captain	John Johnson	England	Sept. 1, 1879	13
Lieutenant	Wm. J. Hurley	England	Sept. 5, 1881	11
Sergeant	R. S. Webb	Canada	April 7, 1887	6
Sergeant	Thos. J. McCarthy	New York	July 28, 1887	5
Detective	Cornelius Gast	Holland	May 12, 1872	20
Detective	Jos. U Smith	Canada	May 14, 1885	7
Detective	J. E. Darr	Ohio	Sept. 25, 1891	1
Detective	S. G. Jakeway	Michigan	Dec. 22, 1887	5
Court Officer	Thos. C. Price	New York	Feb. 1, 1883	9
Truant Officer	F. B. Fee	New York	Feb. 26, 1885	8
Detailed Officer	John Schobey	New York	Dec. 16, 1881	11
Detailed Officer	C. H. Chaffee	Michigan	Sept. 16, 1889	6
Special Officer	C. F. Kennedy	Penn	Jan. 15, 1892	1
Turnkey	G. W. Traxler	New York	Aug. 6, 1881	11
Turnkey	Patrick Doherty	Ireland	May 17, 1883	9
Patrolman	G. H. Wells	Penn	July 26, 1883	9
Patrolman	E. F. Willey	Michigan	Sept. 20, 1883	9
Patrolman	Dennis Millaley	Canada	Mar. 6, 1884	9
Patrolman	Tim Madigan	Michigan	Mar. 5, 1885	8
Patrolman	Robt. Warren	New York	Aug. 13, 1885	7
Patrolman	Jas. Mooney	Ireland	Aug. 13, 1885	7
Patrolman	Thos. Howell	Michigan	Sept. 10, 1885	7
Patrolman	G. W. McDorman	Ohio	Dec. 31, 1885	7
Patrolman	E. G. Smith	Ohio	April 1, 1886	7
Patrolman	John Caulon	Canada	Sept. 16, 1886	6
Patrolman	N. J. VanDine	New York	May 13, 1887	5
Patrolman	Wm. Duga	Michigan	June 7, 1887	5
Patrolman	Michael Lynch	Ireland	Dec 22, 1887	5
Patrolman	E J. Sliter	Michigan	Dec. 29, 1887	5
Patrolman	John Spencer	Canada	Oct. 6, 1888	4
Patrolman	Jas. White	Canada	Nov 30, 1888	4
Patrolman	M. H. Connor	Canada	Dec. 27, 1888	4
Patrolman	H. L. Peck	New York	Feb. 21, 1889	4
Patrolman	Ferd. Starr	Canada	Oct. 24, 1889	3
Patrolman	Thos. Pomeroy	Illinois	Oct. 24, 1889	3
Patrolman	F. E Emery	Canada	Mar. 27, 1890	3
Patrolman	David Dunlop	Scotland	Mar. 27, 1890	3

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THE FORCE ON APRIL 30. 1893—CONTINUED.

RANK.	NAME.	NATIVITY.	DATE OF APPOINTMENT.	YEARS' SERVICE.
Patrolman	E. Scheneman	Germany	Apr. 10, 1890	3
Patrolman	W. H. Brown	Michigan	June 28, 1890	2
Patrolman	J. A. Loverage	Michigan	July 26, 1890	2
Patrolman	S. A. Welch	Michigan	July 31, 1890	2
Patrolman	W. H. Steed	Penn	Oct. 10, 1890	2
Patrolman	Alex. McDonald	Canada	Nov. 13, 1890	2
Patrolman	O. C. Smith	Michigan	Nov. 13, 1890	2
Patrolman	S. C. Guerrier	Maine	Nov. 13, 1890	2
Patrolman	A. Houghtaling	Michigan	Feb. 5, 1891	2
Patrolman	S. F. Stecklee	Michigan	Feb. 13, 1891	2
Patrolman	A. M. Porter	New York	Apr. 3, 1891	2
Patrolman	Wm. Whiting	Michigan	Apr. 3, 1891	2
Patrolman	Geo. W. Spring	Michigan	Apr. 3, 1891	2
Patrolman	John F. McCarthy	New York	Sept. 25, 1891	1
Patrolman	Hiram Whitcomb	Michigan	Oct. 30, 1891	1
Patrolman	Jas. Whelan	Michigan	Oct. 30, 1891	1
Patrolman	Peter Viergever	Michigan	Oct. 30, 1891	1
Patrolman	Geo. J. Stoll	Michigan	Jan 8, 1892	1
Patrolman	Wm. Tatroe	Michigan	Jan. 8, 1892	1
Patrolman	Warren Sturgis	Canada	Feb. 19, 1892	1
Patrolman	A. M. Harper	Ohio	Feb. 19, 1892	1
Patrolman	E. E. Swan	Michigan	Feb. 19, 1892	1
Patrolman	Wm H. Graves	Michigan	Mar. 11, 1892	1
Patrolman	M. McMahon	New York	Apr. 22, 1892	1
Patrolman	Geo W. Evans	Michigan	Apr 22, 1892	1
Patrolman	Chas. R. Hunt	New York	Apr. 22, 1892	1
Patrolman	Geo. W. Clark	New York	Apr 22, 1892	1
Patrolman	V. L. Dibble	Michigan	Apr. 22, 1892	1
Patrolman	R. B. Coates	Michigan	Aug. 29, 1892	.....
Patrolman	E. S. Thompson	Missouri	Aug 29, 1892	.....
Patrolman	H D. Evans	Michigan	Aug 29, 1892	.....
Patrolman	Wm. M. Warner	Ohio	Nov. 4, 1892	.....
Patrolman	C. C Atwood	Michigan	Nov. 4, 1892	.....
Patrolman	L. A. Smith	Ireland	Nov. 4, 1892	.....
Patrolman	Daniel McGowan	Michigan	Dec. 2, 1892	.....
Patrolman	Jas. Reardon	New York	Dec. 2, 1892	.....
Patrolman	B. T. Dean	New York	.....	.....
Patrolman	Ed. G. Lee	Canada	.....	.....
Patrolman	W. M. Drew	Illinois	Mar. 25, 1893	On Probation
Patrolman	Jos. A. Meyers	Michigan	Mar. 25, 1893	On Probation
Patrolman	D. W. Fick	Michigan	Mar. 25, 1893	On Probation
Patrolman	E. A. Harris	Canada	Mar. 31, 1893	On Probation
Patrolman	M. F. Gray	Michigan	Mar. 31, 1893	On Probation
Patrolman	W. M. Edington	Indiana	Mar. 31, 1893	On Probation
Driver P't'l W'g'n				
No. 1, Day	Jas Howell	Michigan	Jan. 19. 1883	10
No. 1. Night	Thos. Maher	Ireland	Sept 26, 1880	12
No. 2, Day	E. Howell	Michigan	July 1, 1887	5
No. 2, Night	A. Hemstreet	New York	Sept 28, 1887	5
Office Clerk	F. W. Weber	Michigan	Sept 5. 1885	7
Office Clerk	S A. Pelton	Canada	July 25, 1892	.....
Signal Operator	Wm. C. Ergenzinger	Michigan	June 16, 1892	.....
Signal Operator	M. M Wood	Kansas	May 25, 1892	.....
Signal Operator	A. E. Barker	Kentucky	Oct. 14, 1892	.....
Janitor	Matt Esch	Michigan	Nov. 13, 1890	2
Assistant Janitor	Peter Esch	Michigan	.....	.....
Matron	Mrs. Mary Esch	Michigan	Nov. 13, 1890	2

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THE POLICE DEPARTMENT

IS ORGANIZED AS FOLLOWS:

Superintendent	1
Captain	1
Lieutenant	1
Sergeants	2
Detectives	4
Court Officer	1
Truant Officer	1
Detailed Officers	2
Turnkeys	2
Detailed Officer at Headquarters	1
Patrolmen	66
Office Clerks	2
Signal Operators	3
Patrol Wagon Drivers, No. 1	2
Patrol Wagon Drivers, No. 2	2
Janitor	1
Assistant Janitor	1
Matron	1
Total	94

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APPOINTMENT OF MEMBERS OF THE FORCE DURING THE YEAR.

NAME	DATE	RANK	No.	AGE	FORMER OCCUPATION	SOCIAL CONDITION	NATIVITY	REMARKS
Harvey O. Carr	Feb. 24, 1893	Superintendent	.....	45	.....	Married	American	
R. L. Shattuck	May 8, 1892	Operator	.....	18	Student	Single	American	
M. M. Wood	May 25, 1892	Operator	1	16	Bell Boy	Single	American	
Wm. C. Ergenzinger	June 16, 1892	Operator	2	19	Student	Single	American	
Somers A. Pelton	July 15, 1892	Clerk	9	38	Teacher	Married	Canada	
Jas. F. Sargeant	July 22, 1892	Patrolman	56	27	Wood Turner	Married	American	Not Confirmed.
Jasen H. Scott	Aug 29, 1892	Patrolman	64	34	Laborer	Married	American	Not Confirmed.
Elmer E. Bush	Aug. 29, 1892	Patrolman	87	23	Motorman	Married	American	Not Confirmed.
Robert B. Coates	Aug. 29, 1892	Patrolman	89	32	Wood Turner	Single	American	
George Levene	Aug. 29, 1892	Patrolman	88	34	Cooper	Single	American	Not Confirmed.
Emry S. Thompson	Aug. 29, 1892	Patrolman	86	22	Fireman	Single	American	
H. D. Evans	Aug. 29, 1892	Patrolman	90	28	Laborer	Single	American	
A. E. Barker	Oct. 14, 1892	Operator	.....	17	Student	Single	American	
G. V. McConnell	Nov. 4, 1892	Patrolman	41	30	Carpenter	Single	American	Resigned Dec. 12, '92; reappointed Dec. 30, '92; not confirmed.
C. A. Atwood	Nov. 4, 1892	Patrolman	53	28	Carpenter	Married	American	
Dan'l McGowan	Dec. 2, 1892	Patrolman	88	31	Hotel Steward	Married	Ireland	
Jas. Reardon	Dec. 2, 1892	Patrolman	87	31	Farmer	Married	American	
L. A. Smith	Nov. 4, 1892	Patrolman	56	37	Tinsmith	Married	American	
Bradford T. Dean	Dec. 11, 1892	Patrolman	46	36	St. Car Conduct'r	Married	American	
Ed. G. Lee	Dec. 11, 1892	Patrolman	41	33	St. Car Conduct'r	Married	Canada	
W. M. Drew	Mar. 25, 1893	Patrolman	64	25	Cabinet Maker	Married	American	On Probation.
Jos. A. Meyers	Mar. 25, 1893	Patrolman	78	28	Harness Maker	Married	American	On Probation.
D. W. Fick	Mar. 25, 1893	Patrolman	63	33	Motorman	Married	American	On Probation.
Ed. A. Harris	Mar. 31, 1893	Patrolman	91	28	Miller	Married	Canada	On Probation.
Millard F. Gray	Mar. 31, 1893	Patrolman	49	35	Teamster	Widower	American	On Probation.
Wm. M. Edington	Mar. 31, 1893	Patrolman	30	30	Fireman	Married	American	On Probation.

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PROMOTIONS.

NAME	DATE	REMARKS
Thomas J. McCarthy.....	Nov. 5, 1892.....	From Patrolman to Sergeant.
S. G. Jakeway.....	May 6, 1893.....	From Patrolman to Detective.
Geo. W. Traxler.....	Aug. 12, 1892.....	From Patrolman to Turnkey.
Patrick Doherty.....	Aug. 12, 1892.....	From Patrolman to Turnkey.

RESIGNATIONS.

DATE	NAME	RANK
May 6, 1892.....	Wm. Messer.....	Operator.
May 6, 1892.....	Bert C. Spaulding.....	Operator.
May 27, 1892.....	Arthur D. Mackie.....	Operator.
May 27, 1892.....	Samuel McCulloch.....	Patrolman.
June 24, 1892.....	Thos. Pomeroy.....	Patrolman.
Sept. 30, 1892.....	Jas. Fahey.....	Patrolman.
Oct. 14, 1892.....	Michael Fitzpatrick.....	Patrolman.
Oct. 14, 1892.....	R. D. Shattuck.....	Operator.
Dec. 9, 1892.....	J. B. Johnson.....	Patrolman.
Feb. 25, 1893.....	Van E. Fisher.....	Patrolman.
Mar. 24, 1893..	Geo. V. McConnell.....	Patrolman.
April 1, 1893.....	Wm. H. Eastman.....	Superintendent.

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CASES OF DISCIPLINE.

No.	RANK	CHARGE	DISPOSITION OF CASE
1.	Patrolman..	Intoxication while on duty.....	Reprimanded and placed temporarily on reduced salary
1.	Patrolman..	Leaving beat without permission	Discharged
1.	Patrolman..	Failure to support a brother officer.....	Reprimanded and placed temporarily on reduced salary
1.	Patrolman..	Intoxication while on duty.....	Reprimanded and suspended two months, with loss of pay
1.	Patrolman .	Unofficerlike conduct.....	Reprimanded and placed temporarily on reduced salary
1.	Signal Op'r.	Using disrespectful language....	Suspended ten days and reprimanded

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Number of Days Lost by Sickness, Disability, Absence with Leave and Suspensions During the Year.

RANK	NAME	Sickness	Disability	Absence with Leave	Suspensions	Total Loss of Time
Captain	John Johnson	18½	....	....	.....	18½
Lieutenant	Wm. J. Hurley	.....	59	5½	.....	64½
Sergeant	Ralph S. Webb	6¼	....	3	.....	9¼
Sergeant	John Conlon	11	....	1	3	15
Sergeant	Thos. J. McCarthy	4	....	1	.....	5
Detective	Cornelius Gast	22	....	¼	.....	22¼
Detective	Jos. U. Smith	.....	....	3	.....	3
Detective	Jerry E. Darr	7½	....	11½	.....	19
Detective	S. G. Jakeway	.....	....	½	.....	½
Court Officer	J. B. Johnson	.....	....	7½	.....	7½
Truant Officer	Frank B. Fee	.....	....	2½	.....	2½
Detailed Officer	John Schobey	.....	....	3	.....	3
Special Officer	C. F. Kennedy	32	....	41¾	.....	73¾
Turnkey	Geo. W. Traxler	95¾	....	.....	.....	95¾
Driver	Jas. Howell	.....	....	½	.....	½
Driver	A. Hemstreet	5	....	10½	.....	15½
Driver	Thos. Maher	3	....	2	.....	5
Clerk	Fred W. Weber	½	....	17	.....	17½
Clerk	Somers A. Pelton	2½	....	2	.....	4½
Patrolman	Thos. C. Price	27	....	.....	.....	27
Patrolman	Dennis Millaley	.....	....	22	.....	22
Patrolman	Jas Mooney	16¾	....	4	.....	20¾
Patrolman	Thos. Howell	1	....	½	.....	1½
Patrolman	E. G. Smith	½	....	4½	.....	5
Patrolman	Eugene F. Willey	4	....	6	.....	10
Patrolman	Robert Warren	.....	....	6	.....	6
Patrolman	Michael Lynch	2	....	½	60½	63
Patrolman	G. W. McDorman	8	....	.....	.....	8
Patrolman	Geo. H. Wells	1	41	2¼	.....	44¼
Patrolman	Tim Madigan	1	....	3	13	17
Patrolman	Wm. Duga	.....	....	2	.....	2
Patrolman	Horace L. Peck	1	....	1¼	.....	2¼
Patrolman	John Spencer	19½	....	2	.....	21½
Patrolman	Jas. White	10½	....	8½	.....	19
Patrolman	M. H. Connor	32	....	8	.....	40
Patrolman	Ferdinand Starr	10	....	8¼	.....	18¼
Patrolman	E. J. Sliter	24¼	....	2	.....	26¼
Patrolman	Thos. Pomeroy	4	....	2¼	.....	6¼
Patrolman	Fred E. Emery	98¾	....	3½	.....	102¼
Patrolman	David Dunlop	¾	....	3¼	.....	4
Patrolman	E. Scheneman	.....	....	4½	.....	4½
Patrolman	Wm. H. Brown	30¼	....	5¾	.....	36
Patrolman	J. A. Loverage	12½	....	11	.....	23½
Patrolman	S. A. Welch	.....	....	28	.....	28
Patrolman	Wm. H. Steed	2½	....	4	.....	6½

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No. of Days Lost, Etc.—Continued.

Rank	Name	Sickness	Disability	Absence with Leave	Suspensions	Total Loss of Time
Patrolman	O. C. Smith	6¼	....	10¼	.....	16½
Patrolman	S. C. Guerrier	.....	....	6½	.....	6½
Patrolman	A Hou.htaling	18	....	4	.....	22
Patrolman	S. F. Stecklee	.....	....	9¼	.....	9¼
Patrolman	A. M. Porter	10	....	3¾	.....	10¾
Patrolman	Wm. Whiting	9	....	5	.....	14
Patrolman	Geo. W. Spring	98½	....	4½	.....	103
Patrolman	J. F. McCarthy	33	....	¾	.....	33¾
Patrolman	Hiram Whitcomb	13¾	....	16½	.....	29¾
Patrolman	Jas. Whelan	8	....	13¾	.....	21¾
Patrolman	Peter Viergever	4½	....	6¼	.....	10¾
Patrolman	Geo. J. Stoll	23¾	....	25¼	.....	49
Patrolman	Wm. Tatroe	.....	13	6¼	.....	19¼
Patrolman	Warren Sturgis	.....	....	3¾	.....	3¾
Patrolman	A. M. Harper	28¼	....	6½	.....	34¾
Patrolman	E E. Swan	8½	....	1½	.....	10
Patrolman	Wm. H. Graves	14½	....	2½	.....	17
Patrolman	M. McMahon	3	....	.....	7	10
Patrolman	G. W. Evans	17½	....	6¼	.....	23¾
Patrolman	Chas. R. Hunt	.....	....	1	.....	1
Patrolman	Geo. W. Clark	.....	....	.....	19	19
Patrolman	Jas. Fahey	3	....	.....	.....	3
Patrolman	Wm. Warner	4	....	2	.....	6
Patrolman	B. T. Dean	4½	....	8	.....	12½
Patrolman	Wm. L. Rusco	22¼	....	2	.....	24¼
Patrolman	N. J. VanDine	3½	....	5	.....	8½
Patrolman	M. Fitzpatrick	4	....	1	.....	5
Patrolman	Ed. Moffatt	1½	....	.....	13	14½
Patrolman	V. L. Dibble	13	....	2	.....	15
Patrolman	R. B. Coates	43¾	....	6	.....	49¾
Patrolman	E. S. Thompson	5¾	....	2¾	.....	8½
Patrolman	H D. Evans	.....	....	3	.....	3
Patrolman	C. A. Atwood	8	....	2	.....	10
Patrolman	L. A. Smith	23¾	....	2	.....	25¾
Patrolman	Van E. Fisher	13½	....	8½	.....	22
Patrolman	Jason H. Scott	1	....	2	.....	3
Patrolman	Elmer E. Bush	.....	....	1½	.....	1½
Patrolman	Jas. F. Sargeant	.....	....	1	.....	1
Patrolman	G. V. McConnell	1	....	1	.....	2
Patrolman	Jas. Reardon	2	....	.....	.....	2
Patrolman	Daniel McGowan	1	....	.....	.....	1
Operator	R. Shattuck	.....	....	12	.....	12
Operator	M. M. Wood	1½	....	.....	10	11½
Operator	W. C Ergenzinger	10	....	15	.....	25
Operator	A. E. Barker	8	....	½	.....	8½
	Total					1,631

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NUMBER OF PERSONS ACCOMMODATED WITH LODGINGS DURING THE YEAR.

1892—	May	70
	June	28
	July	6
	August	15
	September	34
	October	35
	November	46
	December	62
1893—	January	78
	February	109
	March	196
	April	52
	Total	731

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MISCELLANEOUS WORK.

Accidents reported and assistance rendered...	209
Arrests made on warrant.....	490
Arrests made without warrant.....	1147
Arrests made for outside officers.....	27
Arrests made on suspicion.....	203
Assistance rend. persons having fits on street.	34
Assistance rendered to blind persons.....	1
Assistance rendered to sick persons on street.	28
Assistance rendered to mutes on street.....	2
Attempts of burglary discovered and prevented	3
Bodies of drowned persons recovered.....	11
Bursted water pipes discovered and reported.	63
Cases reported to Humane Society.....	15
City Physician called to Headquarters.....	13
Coroner notified of mysterious deaths.....	1
Coroner notified of accidental deaths.....	13
Coroner notified of sudden deaths.....	13
Coroner notified of suicides.....	8
Contagious diseases reported.....	3
Doors found open—owners notified.....	304
Doors found open and secured.....	934
Dead animals reported to Board of Health....	155
Dangerous places in streets rep'rted to Marshal	154
Dangerous places in walks reported to Marshal	133
Dangerous wires reported on streets.....	72
Deadly assaults reported.....	8
Dangerous buildings reported.....	2
Deserted children cared for.....	1
Disturbances called to—without arrests.....	640

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Disturbances called to—with arrests	8
Delirious persons cared for	9
Dangerous places in bridges reported	17
Drunks and tramps reported gone on arrival	75
Escaped prisoners recaptured	4
Electric lights reported out	5783
Fires discovered and extinguished	21
Fires discovered and alarm given	53
Fires discovered and still alarm given	21
Horses and carriages taken to barns	135
Insane persons taken in charge	34
Lost children found and returned home	139
Lost adults found and returned home	8
Leaking water hydrants reported	19
Mail boxes found open	1
Murders reported	1
Nuisances reported	97
P'dmaster notified of stray and vicious animals	160
Poormaster notified of destitute persons	38
Prisoners accommodated for outside officers	12
Runaway horses caught	67
Runaway boys caught	29
Runaway girls caught	2
Runaway horses reported	67
Red lanterns set at dangerous places in street	263
Store windows found open and secured	25
Special details at theatres, balls, etc	503
Suicides prevented	5
Stray horses and other animals caught	66
Safes discovered open—owners notified	6
Safes found open —locked	6
Sick, injured and destitute persons cared for	180
Store lights reported out	70
Vicious dogs killed	18

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PATROL TELEPHONE SERVICE.

ITEMS	1892 MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1893 JAN.	FEB.	MAR.	AP'L
Sentry box calls	44	48	59	76	64	77	53	43	38	42	56	60
Telephone calls	53	61	91	75	54	47	41	26	32	28	43	50
Reported at headquarters	7	1	3	2	5	4	2	....	....	1	1	....
Local calls	2	4	5	2	3	1	1	4	4	4	8	5
Fires responded to	19	8	17	27	18	18	23	10	22	16	13	18
Total number of runs	126	122	175	182	144	147	120	83	96	91	126	133
Miles traveled	129	183	292	316	203	198	186	113	122	143	178	214
Prisoners brought to headquarters	90	66	112	116	82	113	73	56	65	57	71	70
Deaths reported and coroner notified	....	5	5	....	1	....	....	3	....	....	2	1
Supposed robberies and burglaries investigated	....	....	....	....	1	....	....	1	....	....	....	....
Lost children brought to headquarters	4	5	11	3	3	5	2	3	1	....	6	9
Lost children taken home	4	6	6	6	3	3	2	2	....	2	1	6
Lost children reported; gone on arrival of wagon	....	3	1	....	....	....	....	....	....	....	1	....
Dead bodies taken home	....	2	....	....	....	....	....	....	....	....	....	2
Insane persons brought to station or taken home	1	1	1	2	3	....	....	1	1	1	....	4
Blind persons brought to station or taken home	....	....	....	2	....	....	....	....	....	....	....	....
Aged persons brought to station or taken home	2	1	2	3	2	2	1	....	1	....	....	....
Sick or injured taken home	1	....	1	2	....	1	1	....	1	1	....	....
Sick or injured reported; gone on arrival of wagon	....	....	....	....	....	....	1	....	....	....	1	....
Sick or injured brought to station	1	....	3	2	1	....	....	2	1	....	....	....
Destitute persons brought to station	....	....	2	4	....	2	....	9	....	....	4	....
Destitute persons taken to hospital	1	....	....	....	....	2	5	1	4	....	....	....
Assisted in recovering drowned persons	....	2	2	....	1	....	....	....	....	....	....	....
Accidents reported and assistance rendered	....	1	....	....	....	....	1	1	....	....	1	....
Attempted suicide reported	....	1	2	1	1	....	....	....	....	....	....	1
Drunk or disorderly persons gone on arrival of wagon	9	2	4	2	9	3	2	2	1	....	5	6
Disturbances reported; all quiet on arrival of wagon	13	17	14	14	11	5	11	5	4	4	8	10
Persons brought to station for investigation	3	1	2	2	....	1	4	2	....	1	....	3
Strangers taken to depot	....	....	2	....	....	....	....	....	1	....	4	....
Lost or stolen property brought to station	1	1	....	....	2	1	....	....	....	....	....	3
Red lanterns placed in streets	12	42	8	12	11	7	1	5	....	1	13	9
After tramps	1	1	2	3	....	3	....	2	....	....	....	1
False alarms	....	5	1	2	4	2	2	1	1	2	1	5
Persons brought to station for safe keeping	....	1	3	....	1	1	1	....	....	2	5	2
Lodgers brought to station	1	3	2	2	....	2	2	1	....	1	5	1
Went on matters of investigation	....	1	1	1	1	1	....	....	1	....	3	2
Counterfeiter; gone on arrival of wagon	....	....	....	....	....	....	....	....	....	....	....	1
Burglars; gone on arrival of wagon	....	....	....	....	....	1	....	....	....	....	1	....
Wagon not wanted	....	....	2	2	1	1	....	2	....	1	....	....
Insane; gone on arrival of wagon	....	1	....	....	....	....	....	....	1	....	....	....
Destitute; gone on arrival of wagon	....	....	....	....	....	....	1	....	....	....	....	....
Beggars; gone on arrival of wagon	....	....	....	....	....	....	1	....	....	....	....	....

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AMBULANCE SERVICE.

ITEMS	1892 MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	1893 JAN.	FEB.	MAR.	APR.
Sentry box calls	....	1	2	3	1	2	....	....	1	1	3	3
Telephone calls	16	19	20	32	23	34	15	15	16	12	19	20
Local calls	....	1	4	2	2	....	2	2	1	2	....	....
Total number of runs	16	21	26	35	25	36	17	17	17	12	22	23
Miles traveled	23	42	46	51	40	50	31	18	24	20	31	35
Dead bodies taken home	....	....	....	....	...	1	....	....	....	....	....	....
Dead bodies taken to undertakers	....	1	....	....	....	....	....	....	1	....	....	....
Sick or injured brought to station	...	....	1	1	....	....	....	1	....	2	1	2
Sick or injured taken home	8	9	13	22	11	21	10	6	18	13	10	12
Sick or injured taken to hospital	3	9	7	9	6	9	4	5	7	4	5	4
Sick or injured reported but gone on arrival	3	....	1	1	2	....	....	2	....	....	....	....
Persons in fits brought to station or taken home	1	....	1	2	1	2	2	....	....	....	2	3
Accidents reported and assistance rendered	5	10	9	22	11	22	8	5	6	5	11	13
Destitute persons taken to hospital	....	....	....	....	1	....	....	....	....	....	....	....
Persons brought to station for safe keeping	....	....	....	....	....	....	....	....	....	....	....	1
False alarms	....	1	1	2	5	1	1	3	1	1	3	....
Insane persons brought to station or taken home	1	....	....	....	....	1	....	....	....	....	....	2
Prisoners brought to station	....	1	1	....	2	1	....	....	...	....	2	2
Blind persons brought to station or taken home	....	....	....	....	....	....	....	....	....	....	....	1

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INVENTORY OF THE DEPARTMENT.

Lot	$12,000.00
Building	48,000.00
Office Furniture, Fixtures, etc	4,579.50
Beds, Bedding, etc	408.75
Horses	1,250.00
Wagons, Sleighs, Harness, etc	1,800.00
Cells and Furnishings	1,212.00
Belts, Badges, Handcuffs, etc	835.50
Police Manuals	120.00
Two Safes	200.00
Rogues' Gallery	50.00
Sundry Articles on hand	141.41
Total	$70,597.16

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ANNUAL REPORT OF THE GRAND RAPIDS POLICE RELIEF AND BENEFIT ASSOCIATION.

GRAND RAPIDS, April 30, 1893.

To the Honorable Board of Police and Fire Commissioners:

GENTLEMEN:

I have the honor to present to you my annual report of the affairs pertaining to the Association for the year ending April 30, 1893.

The Association numbers 74 members.

The officers are—

President, DAVID DUNLOP.
Vice-President, A. M. PORTER.
Treasurer, GEO. W. TRAXLER.
Secretary, EMORY J. SLITER.

Board of Trustees—

NICHOLAS J. VAN DINE, GEO. H. WELLS,
JOHN McCARTHY, WM. H. BROWN,
EMMETT G. SMITH.

IN MEMORIAM.

WM. L. RUSCO, a highly esteemed member of the Association, died January 28, 1893, at the St. Mark's Hospital, after undergoing an operation.

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He enjoyed the entire confidence of his associates, who mourn his untimely death.

The following is a statement of the financial condition of the Association:

The Treasurer's annual report to the Association, February 15, 1893, shows a balance in the treasury of $336.85.

The receipts for the year are as follows:

Initiations, dues and fines	$227 50
Donations by citizens	35 00
Received of B. F. McReynolds, Sec'y, reward for capturing thieves	25 00
For capturing two boys escaped from State Reform School	20 00
Interest on deposit, February 21, 1893	8 00
Total receipts	$315 50

The disbursements for the year are as follows:

Cash paid to sick members	$384 50
Cash paid to widow of Wm. L. Rusco	200 00
Cash paid to Harvey & Heystek, frame	1 55
Cash paid to Hensen & Johnson, printing	2 50
Treasurer's salary	12 00
Secretary's salary	12 00
Total disbursements	$612 55

Respectfully submitted,

EMORY J. SLITER,
Secretary.

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CRIMINAL STATISTICS.

Offenses Against Person, *Table No. 1.*
Offenses Against Property committed with violence, *Table No. 2.*
Offenses Against Property committed without violence, *Table No. 3.*
Offenses Against License Laws, *Table No. 4.*
Offenses Against Chastity and Morality, *Table No. 5.*
Offenses not included in foregoing, *Table No. 6.*
Recapitulation, *Table No. 7.*
Ages of those Arrested, *Table No. 8.*
Comparative Statement, *Table No. 9.*
Stolen Property, *Table No. 10.*
Detectives' Department, *Table No. 11.*
Disposition of Cases, *Table No. 12.*
Truant Officer's Report.
Occupation of Persons Arrested.
Nativity of Persons Arrested.

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TABLE NO. 1. OFFENSES AGAINST THE PERSON.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FEMALE				YES	NO						
Assault	3	....	3	1	2	3	....	2	1	....	1	2	....
Assault and Battery	84	15	99	8	91	93	6	33	66	23	....	75	24
Assault, on Police	8	....	8	....	8	8	....	1	7	2	5	....	3
Assault, with intent to do great bodily harm	6	1	7	3	4	7	....	2	5	1	6	....	1
Murder, assault with intent to	1	....	1	....	1	1	....	1	....	....	1	....	....
Prize Fighting	6	....	6	1	5	6	....	....	6	....	5	....	1
Rape and assault to rape	1	....	1	....	1	1	....	1	....	....	....	....	1
Robbery and assault to rob	1	....	1	....	1	1	....	....	1	1	....	....	1
Total	110	16	126	13	113	120	6	40	86	27	18	77	31

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TABLE NO 2. OFFENSES AGAINST PROPERTY COMMITTED WITH VIOLENCE.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FE-MALE				YES	NO.						
Arson	2	...	2	....	2	2	....	1	1	2	2	....	....
Breaking and entering	5	....	5	2	3	5	....	1	4	5	...	....	5
Breaking and entering railroad car	1	....	1	1	....	1	....	....	1	1	1	....	....
Breaking and entering any other building	1	....	1	....	1	1	....	....	1	....	1	....	....
Burglary	8	....	8	1	7	8	....	1	7	6	8	....	....
Burglary and Larceny	16	....	16	2	14	16	....	2	14	9	14	....	2
Malicious injury	4	....	4	....	4	2	2	....	4	2	....	3	1
Total	37	....	37	6	31	35	2	5	32	25	26	3	8

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TABLE NO. 3. OFFENSES AGAINST PROPERTY COMMITTED WITHOUT VIOLENCE.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FEMALE				YES	NO						
Conspiracy to defraud	2	....	2	....	2	2	....	....	2	1	2	....	...
Embezzlement and Larceny	3	....	3	....	3	3	....	....	3	1	3	....	....
Embezzlement	7	....	7	....	7	7	....	3	4	....	3	1	3
False pretences, obtaining money, goods, etc.	7	....	7	....	7	7	....	....	7	....	1	....	6
Forgery	8	....	8	....	8	8	....	2	6	....	6	....	2
Larceny from the person	12	4	16	3	13	16	....	6	10	2	11	2	3
Larceny from office	1	....	1	....	1	1	....	....	1	....	1	....	....
Larceny from dwelling house, in day time	13	4	17	1	16	16	1	4	13	3	12	1	4
Larceny from store	7	2	9	....	9	9	....	1	8	2	8	1	....
Larceny from rooms in blocks and hotels	1	....	1	....	1	1	....	....	1	....	1	....	....
Larceny from ware houses	1	....	1	....	1	1	....	....	1	....	....	1	....
Larceny from shops	1	....	1	....	1	1	....	....	1	....	1	....	....
Larceny less than $25.00	132	12	144	4	140	136	8	37	107	77	....	121	23
Larceny more than $25.00	12	1	13	1	12	13	....	5	8	3	7	2	4
Leased property, concealing, selling, etc	3	....	3	....	3	3	....	....	3	....	1	2	....
Mortgaged property, disposing of	1	....	1	....	1	1	....	1	....	...	....	....	1
Receiving stolen property	....	1	1	....	1	1	....	....	1	....	....	....	1
Total	211	24	235	9	226	226	9	59	176	89	57	131	47

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TABLE NO. 4. OFFENSES AGAINST THE LICENSE LAW.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FE-MALE				YES	NO						
Common victualer without license	4	....	4	....	4	4	....	1	3	....	...	3	1
Dog law, violation of	13	1	14	....	14	13	1	6	8	....	....	5	9
Hack ordinance, violations of	5	....	5	....	5	5	....	....	5	....	....	1	4
Hucksters without license	2	....	2	....	2	2	....	1	1	....	....	1	1
Intelligence office without license	1	....	1	....	1	1	....	....	1	....	...	1	....
Liquor law, violations of	28	....	28	....	28	28	....	10	18	....	21	....	7
Market without license	5	....	5	....	5	5	....	4	1	....	....	5	....
Peddling without license	6	....	6	....	6	6	....	6	....	....	....	6	....
Pool and billiard tables without license	2	....	2	....	2	2	....	....	2	....	....	2	....
Saloon open after hours	23	....	23	....	23	23	....	11	12	....	17	....	6
Saloon open election day	2	....	2	....	2	2	....	1	1	....	2	....	....
Saloon open legal holiday	2	....	2	....	2	2	....	1	1	....	1	....	1
Saloon open Sunday	30	....	30	....	30	30	....	10	20	....	23	....	7
Selling liquor to minors	2	....	2	....	2	2	....	1	1	....	....	1	1
Vehicle ordinance, violations of	15	....	15	....	15	14	1	4	11	....	....	13	2
Total	140	1	141	....	141	139	2	56	85	....	64	38	39

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TABLE NO. 5. OFFENSES AGAINST CHASTITY AND PUBLIC MORALITY

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FE-MALE				YES	NO						
Adultery	....	1	1	....	1	1	....	....	1	....	...	....	1
Animals, cruelty to	8	1	9	....	9	8	1	5	4	2	....	8	1
Bastardy	4	....	4	....	4	4	....	3	1	2	3	....	1
Indecent exposure of person	3	1	4	1	3	4	....	....	4	....	1	2	1
Ill-fame, detaining female in house of	1	1	2	....	2	2	....	2	....	....	....	2	....
Ill-fame, keeping house of	....	5	5	....	5	5	....	....	5	....	3	2	....
Ill-fame, residing in house of	....	9	9	....	9	9	....	....	9	3	....	8	1
Prostitution, enticing to	1	1	2	....	2	2	....	....	2	....	2	....	....
Religious worship, disturbing	9	....	9	....	9	9	....	2	7	9	....	8	1
Taking indecent liberties	1	....	1	....	1	1	....	....	1	....	1	....	....
Total	27	19	46	1	45	45	1	12	34	16	10	30	6

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TABLE NO. 6. OFFENSES NOT INCLUDED IN THE FOREGOING.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMERICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FEMALE				YES	NO						
Agents, violation of ordinance relative to	1	....	1	....	1	1	....	....	1	....	....	1	....
Bathing in Grand River	12	....	12	....	12	12	....	1	11	11	....	12	....
Bill Posters ordinance, violations of	1	....	1	....	1	1	....	....	1	....	....	1	....
Breaking jail	2	....	2	....	2	2	....	1	1	....	2	....	....
Breach of the peace	58	....	58	....	58	56	2	15	43	15	....	57	1
Careless use of fire arms	2	....	2	....	2	2	....	....	2	2	....	1	1
Coasting on sidewalk	4	....	4	....	4	4	....	....	4	4	...	3	1
Common nuisance	8	....	8	....	8	8	....	1	7	7	....	8	....
Concealed weapons, carrying	9	1	10	1	9	8	2	3	7	3	....	7	3
Disorderly persons	121	24	145	5	140	142	3	43	102	52	...	119	26
Drunkenness	661	51	712	22	690	687	25	271	441	43	....	703	9
Drunk and disorderly	57	5	62	3	59	58	4	21	41	10	....	61	1
Family, refusing to support	14	....	14	....	14	13	1	5	9	....	....	1	13
Fast driving	16	5	21	2	19	21	....	5	16	4	....	21	....
Fighting birds, dogs, etc	2	....	2	....	2	2	....	....	2	1	....	....	2
Gaming, and being present	48	....	48	5	43	48	....	12	36	6	....	32	16
Gaming house, keeping	1	....	1	....	1	1	....	....	1	....	....	1	....
Health Law, violations of	1	....	1	....	1	....	1	1	....	....	...	1	....
Jumping on moving railroad cars	18	....	18	1	17	18	....	4	14	17	....	16	2
Officers, resisting	4	2	6	....	6	6	....	3	3	1	2	2	2
Pastime ordinance, violations of	....	1	1	....	1	1	....	....	1	....	....	1	....
Sidewalk ordinance, violations of	1	....	1	....	1	1	....	1	....	....	....	1	....
Store open Sunday	9	....	9	....	9	9	....	8	1	....	....	9	....
Street ordinance, violations of	53	....	53	....	53	53	....	9	44	23	....	51	2
Street cars, jumping on	3	....	3	....	3	3	....	....	3	3	....	3	....
Surety of peace	9	....	9	....	9	8	1	5	4	....	....	8	1
Truancy	29	7	36	2	34	34	2	7	29	36	....	34	2
Vagrancy	18	....	18	....	18	18	....	2	16	3	....	16	2
Totals	1162	96	1258	41	1217	1217	41	418	840	241	4	1170	84

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TABLE NO. 7. RECAPITULATION.

NATURE OF OFFENSE	SEX		TOTAL	COLORED	WHITE	READ AND WRITE		FOREIGNERS	AMTRICANS	MINORS	HELD FOR TRIAL	CONVICTED	DISCHARGED
	MALE	FE-MALE				YES	NO						
No. 1. Offenses against the person	110	16	126	13	113	120	6	40	86	27	18	77	31
No. 2. Offenses against property, committed with violence	37	....	37	6	31	35	2	5	32	25	26	3	8
No. 3. Offenses against property, without violence	211	24	235	9	226	226	9	59	176	89	57	131	47
No 4. Offenses against the license laws	140	1	141	....	141	139	2	56	85	....	64	38	39
No. 5. Offenses against public chastity, morality, etc	27	19	46	1	45	45	1	12	34	16	10	30	6
No. 6. Offenses not included in foregoing	1162	96	1258	41	1217	1217	41	418	840	241	4	1170	84
Total	1686	157	1843	70	1773	1782	61	590	1253	398	179	1448	215

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TABLE NO. 8. AGES OF THOSE ARRESTED.

TABLES	UNDER 10		10 AND UNDER 15		15 AND UNDER 20		20 AND UNDER 25		25 AND UNDER 30		30 AND UNDER 35		35 AND UNDER 40		40 AND UNDER 45		45 AND UNDER 50		50 AND UNDER 60		OVER 60	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
No. 1	..	..	4	..	17	2	33	2	21	1	10	4	9	2	6	..	6	2	2	2	2	1
No. 2	2	..	4	..	16	..	6	..	3	..	..	..	4	..	1	..	..	..	1	..	..	..
No. 3	4	..	39	2	37	7	33	7	24	2	29	2	18	1	12	1	7	1	6	1	2	..
No. 4	..	..	..	..	2	..	8	..	16	..	39	..	20	1	19	..	17	..	15	..	4	..
No. 5	..	..	2	..	10	1	3	10	5	1	2	2	3	2	..	3	1	..	1	..	..	..
No. 6	4	..	67	6	131	18	191	21	133	7	123	18	175	8	97	5	74	8	99	4	68	1
Totals	10	..	116	8	213	28	274	40	202	11	203	26	229	14	135	9	105	11	124	7	76	2

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TABLE NO. 9. COMPARATIVE STATEMENT OF OFFENSES FROM 1884 TO 1893 INCLUSIVE.

ITEMS	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893
No. 1. Offenses against the person	115	88	65	114	81	133	144	166	117	126
No 2. Offenses against property	161	169	139	136	129	195	256	280	284	272
No. 3. Offenses against the license law	26	46	31	27	28	38	42	31	107	141
No. 4. Offenses chastity, morality, etc	52	65	43	52	119	135	69	88	57	46
No. 5. Miscellaneous offenses	1442	1060	1337	1143	1380	1348	1344	1181	1330	1258
Total	1796	1428	1415	1472	1737	1849	1855	1746	1895	1843

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TABLE NO. 10. SHOWING NUMBER OF CASES AND AMOUNT OF STOLEN PROPERTY REPORTED AND AMOUNT RECOVERED. ARRANGED MONTHLY.

	HOUSE BURGLARIES		STORE BURGLARIES		LARCENIES FROM IN FRONT OF STORES		LARCENIES FROM STORES		LARCENIES FROM HOUSES		LARCENIES FROM ROOMS IN BLOCKS AND HOTELS		LARCENIES FROM VACANT HOUSES		LARCENIES FROM THE PERSON		UNCLASSIFIED LARCENIES		TOTAL		GROUNDLESS CASES REPORTED		ACTUAL LOSS		STOLEN PROPERTY RECOVERED		PER CENT. RECOVERED
	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	NO	LOSS	
May	4	$226 00	2	$ 12 00	...	...	2	$ 45 00	3	$ 45 00	4	$265 00	9	$ 95 55	4	$ 22 50	5	$ 40 00	33	$751 05	2	$ 25 00	31	$695 55	6	$ 60 00	9
June	2	32 00	5	248 70	2	138 50	3	50 15	9	456 91	8	156 00	1	2 25	5	68 90	9	109 85	44	1263 26	4	175 00	40	1098 18	26	753 73	69
July	7	378 95	4	59 00	1	100 00	2	9 25	7	134 50	8	197 75	...	...	12	881 65	9	117 75	50	1878 85	6	359 00	44	1504 85	15	230 85	15
August	4	173 80	3	17 50	...	...	2	19 65	5	143 00	5	145 00	2	13 00	3	52 00	6	128 00	30	691 95	1	10 00	29	681 95	9	217 65	32
September	4	222 00	3	14 63	...	...	3	108 75	5	135 50	4	29 00	...	...	2	21 00	7	162 75	28	693 62	5	102 00	23	591 62	8	179 75	30
October	...	...	3	43 85	3	19 25	3	32 50	13	189 00	3	39 00	...	...	3	163 00	15	185 50	43	672 10	3	180 00	40	492 10	8	105 50	21
November	2	32 00	6	31 50	3	43 00	2	46 56	7	113 00	5	115 00	...	...	1	15 00	7	160 85	33	556 91	2	60 00	31	496 91	11	203 66	41
December	2	98 00	3	23 75	3	23 00	4	23 75	11	233 50	2	28 00	...	...	...	...	12	105 00	37	535 00	2	24 00	35	511 00	11	147 80	29
January	1	1 00	1	15 00	2	6 00	1	18 00	3	52 00	1	2 00	...	...	1	67 00	6	62 00	16	223 00	1	5 00	15	218 00	10	38 08	18
February	1	40 00	2	7 50	...	...	...	...	6	222 00	2	56 00	1	32 00	1	10 00	3	15 00	16	382 50	...	...	16	382 50	5	113 00	29
March	4	63 00	7	64 30	...	...	1	74 30	6	128 75	2	32 00	1	10 00	1	10 00	8	111 00	30	493 35	3	62 00	27	431 35	7	194 80	45
April	1	1 25	2	81 00	1	2 50	1	25 00	4	65 00	...	...	...	...	...	...	6	165 00	15	339 75	...	...	15	339 75	7	78 75	23
Totals	32	$1268 00	41	$ 618 73	15	$ 332 25	24	$ 452 91	79	$1918 16	44	$1064 75	14	$152 80	33	$1311 05	93	$1362 70	375	$8481 34	29	$1002 00	346	$7443 76	123	$2323 57	31.21

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TABLE NO. 11—DETECTIVE DEPARTMENT, SHOWING NAMES OF PERSONS ARRESTED, DATE, CAUSE AND BY WHOM ARRESTED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
May	Jas. Van Derhout	Larceny	Smith and Darr	No complaint made
May	A. Van Derhout	Larceny	Smith and Darr	No complaint made
May	M. Van Derhout	Larceny	Smith and Darr	No complaint made
May	Wm. Van Assell	Larceny	Smith and Darr	No complaint made
May	John Bemis	Larceny	Smith and Darr	No complaint made
May	Cornelius Siervelt	Larceny	Smith and Darr	No complaint made
May	John Pulderman	Larceny	Smith and Darr	No complaint made
May	Chas. Wrege	Cruelty to animals	Smith and Darr	Ten days in county jail
May	H. H. Dyer	False pretenses	Smith and Darr	For Ingham county authorities
May	W. M. Gifford	Larceny	Smith and Darr	Paid $3.85
May	Forest Parsley	Larceny	Smith and Darr	Paid $2 85
May	John Soper	Larceny	Smith and Darr	No complaint made
May	Ed. Brooks	False pretenses	Smith and Darr	One year 7 mos. Ionia house of cor'n
May	Phil. Russell	False pretenses	Smith and Darr	One year 3 mos. Ionia house of cor'n
May	Harry Leonard	Larceny	Jakeway	Two years Ionia house of correction
May	Walter Schultz	Larceny	Jakeway	Sentence suspended
May	Wm. Cobbeback	Disorderly person	Jakeway	For St. Claire county authorities
May	Guste Kruski	Larceny	Gast and Jakeway	For Barry county authorities
May	Memi Shuski	Larceny	Gast and Jakeway	For Barry county authorities
May	Chas. Brooks	Larceny	Gast and Jakeway	Ten days in county jail
May	Ed. Troy	Deadly assault	Gast and Jakeway	Held for trial
May	Wm. Murphy	Resisting an officer	Gast and Jakeway	Held for trial
May	Fred Clifton	Resisting an officer	Gast and Jakeway	Held for trial
May	Wm. Mitchell	Resisting an officer	Gast and Jakeway	Held for trial
May	Alex. Adams	Resisting an officer	Gast and Jakeway	Held for trial
May	Jas Powers	Resisting an officer	Gast and Jakeway	Discharged
May	John Granger	Resisting an officer	Gast and Jakeway	Discharged
May	Wm. O'Donnell	Resisting an officer	Gast and Jakeway	Discharged
May	Rose Johnson	Larceny	Gast and Jakeway	Sentence suspended
May	Tony Whitfleet	Defrauding a hotel	Gast and Jakeway	For Montcalm county authorities
May	Otis Peck	Careless use of fire arms	Gast and Jakeway	Paid $6.85
May	Wady Polinski	Obstructing an officer	Gast and Jakeway	Held for trial
June	Derk Bosma	Disorderly person	Gast and Jakeway	For Kalamazoo county authorities
June	Wesslius Belles	Larceny	Gast and Jakeway	State reform school till 17 years old
June	Eliza Belles	Larceny	Gast and Jakeway	State reform school till 17 years old

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
June	M. A Burnham	Larceny	Gast and Jakeway	Ninety days in county jail
June	Mary Arnold	Larceny	Gast and Jakeway	State industrial school till 21 years old
June	Sam'l Chase	Larceny	Gast and Jakeway	Paid $2 93
June	John Stevens	Larceny	Gast and Jakeway	Paid $2.93
June	Frank Bickford	Burglary and larceny	Gast and Jakeway	Twelve years Jackson state prison
June	Chas. McPheely	Larceny	Gast and Jakeway	Paid $2.30
June	Mary Bartlett	Larceny	Gast and Jakeway	Sentence suspended—costs paid, $5 42
June	Ernest Wisman	Larceny	Smith and Darr	No complaint made
June	Chas. Crampton	Larceny	Smith and Darr	One year 6 mos. Jackson state prison
June	Wm. Oakman	Assault and battery	Smith	Ninety days in county jail
June	Jas O'Dowd	Burglary and larceny	Smith	Four years Jackson state prison
June	Anna Gibson	Larceny from person	Smith	Nine mos. Detroit house of correction
June	Fred Fisher	Larceny	Smith	No complaint made
July	Harry McGowan	Larceny from person	Smith and Darr	Turned over sheriff
July	Chas. Corrigan	Larceny from person	Smith and Darr	Turned over sheriff
July	E. S. Rogers	Larceny	Smith and Darr	No complaint made
July	Lawrence Slade	Burglary and larceny	Smith and Darr	Discharged
July	Christ Geigle	Larceny	Smith and Darr	Sentence suspended
July	Geo. W. Cook	Embezzlement	Smith and Darr	
July	Julia Arnold	Receiving stolen property	Smith and Darr	Discharged
July	Frank Gardner	Burglary	Smith and Darr	One year 6 mos. Jackson state prison
July	Chas. Stinchcomb	Defrauding a hotel	Smith and Darr	For Osceola county authorities
July	Geo. Nelson	Larceny	Smith and Darr	No complaint made
July	Wm. Rutherford	Larceny	Smith and Darr	No complaint made
July	John Henn	Larceny	Smith and Darr	Sixty days in county jail
July	Jas Quinn	Larceny	Smith and Darr	Ninety days in county jail
July	Harry Fay	Larceny	Smith and Darr	Ninety days in county jail
July	Peter Thompson	Larceny	Smith and Darr	Paid $3.25
July	Jacob Yerex	Larceny	Smith and Darr	Paid $3.25
July	Geo Hatter	Grand larceny	Smith and Darr	Discharged
July	Wm. White	Burglary and larceny	Smith and Darr	Discharged
July	Ray Dietrich	Burglary and larceny	Smith, Darr, Gast, and Jakeway	Discharged
July	Ernest Wisman	Burglary and larceny		Discharged
July	John Boot	Burglary and larceny		No complaint made
July	Wm. Terpstra	Burglary and larceny	Smith and Darr	No complaint made
July	Claude Knapp	Truancy	Smith and Darr	For Allegan county authorities
July	Chas. Knapp	Truancy	Smith and Darr	For Allegan county authorities

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
July	Rose Johnson	Larceny	Gast and Jakeway	Nine mos. Detroit house of correc'n
July	Jacob Gasbeck	Grand larceny	Gast and Jakeway	One year Ionia house of correction
July	Christ Geigle	Larceny	Gast and Jakeway	State reform school till 17 years o'd
July	Tony Flizinski	Larceny	Gast and Jakeway	State reform school till 17 years old
July	Lew Remington	Burglary and larceny	Gast and Jakeway	Three years Ionia house of correction
July	Ed. Hoagland	Burglary and larceny	Gast and Jakeway	Three years Ionia house of correction
July	John Eisenhout	Passing counterfeit mon'y	Gast and Jakeway	No complaint made
July	Fred Van Kaukin	Passing counterfeit mon'y	Gast and Jakeway	No complaint made
July	Glenn Crane	Larceny	Gast and Jakeway	No complaint made
July	Geo. Burley	Larceny	Gast and Jakeway	No complaint made
July	John G Gelder	Disposing m'tg'd property	Gast and Jakeway	Discharged
July	Frank Huculski	Larceny	Gast and Jakeway	Discharged
Aug.	John Boerman	Larceny	Smith and Darr	Discharged
Aug.	Harry Bennett	Larceny from person	Smith and Darr	Turned over to sheriff
Aug.	John Davis	Larceny from person	Smith and Darr	Turned over to sheriff
Aug.	Mabel Mayo	Larceny	Smith and Darr	Sent to insane asylum at Kalamazoo
Aug.	Ed. Cole	Larceny	Smith and Darr	Turned over to sheriff
Aug.	Pearl Warner	Larceny from person	Smith and Darr	Turned over to sheriff
Aug.	Sadie Wiseman	Disorderly	Smith and Darr	Fined $10 and costs
Aug.	Jennie Van	Keeping house of ill-fame	Smith and Darr	Held for trial
Aug.	Fred Hoch	Assault to commit rape	Smith and Darr	Discharged
Aug.	Frank Lehman	Larceny	Smith and Darr	No complaint made
Aug.	Jennie Lehman	Larceny	Smith and Darr	No complaint made
Aug	J. L. Cole	Fraud	Smith and Darr	No complaint made
Aug.	Geo. Thompson	Larceny from the person	Smith, Darr, Gast, and Jakeway	One year 6 mos. Jackson state prison
Aug.	Phil. Cummings	Larceny from the person	Smith, Darr, Gast, and Jakeway	One year 6 mos. Jackson state prison
Aug.	G. B. Guild	Larceny	Smith and Darr	No complaint made
Aug.	C. C. Bentley	Larceny	Gast and Jakeway	Paid $22.25
Aug.	Wm. Gibson	Br'k'g and ent'ng RR cars	Gast and Jakeway	Dismissed
Aug.	Wm Orr	Br'k'g and ent'ng RR cars	Gast and Jakeway	Dismissed
Aug.	Oscar Miller	Br'k'g and ent'ng RR cars	Gast and Jakeway	Dismissed
Aug.	Wm. Brogland	Br'k'g and ent'ng RR cars	Gast and Jakeway	Dismissed
Aug.	Jos. Day	Br'k'g and ent'ng RR cars	Gast and Jakeway	Dismissed
Aug.	Ed. Cole	Larceny	Gast and Jakeway	Turned over to sheriff
Aug.	J. W. Warner	Larceny	Gast and Jakeway	Turned over to sheriff
Aug.	Chas. Wallace	Larceny	Gast and Jakeway	No complaint made
Aug.	Frank Troviskoski	Larceny	Gast and Jakeway	Fifteen days county jail

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
Aug.	Wm. Broxmeyer	Larceny	Gast and Jakeway	Fifteen days in county jail
Aug.	Guy Prentice	Larceny	Gast and Jakeway	State reform school till 17 years old
Aug.	John Brandt	Larceny from the person	Gast and Jakeway	One year 6 mos Jackson state prison
Aug.	John Dorenbos	Larceny from the person	Gast and Jakeway	Discharged
Aug.	John Vesterbaan	Larceny from the person	Gast and Jakeway	One year 6 mos. Jackson state prison
Aug.	Berlan Eagle	Larceny	Gast and Jakeway	Paid $3 85
Aug.	Wm. H. Gunn, M. D	Assault	Gast and Jakeway	Fined $100 and costs
Aug.	John Thompson	Larceny	Gast and Jakeway	One year 6 mos. Jackson state prison
Aug.	Albert Walker	Br'k'g and ent'ng R R car	Gast and Jakeway	Three years Ionia house of correction
Sept.	John Ready	Larceny	Smith and Darr	Paid $15 and costs
Sept.	Harry Reed	Larceny	Smith and Darr	Nolle pross'd
Sept.	Ed. Duke	Larceny	Smith and Darr	Nolle pross'd
Sept.	Alex Visner	Larceny	Smith and Darr	Discharged
Sept.	Sam. Leonard	Larceny	Smith and Darr	Discharged
Sept.	Walter Fisher	Truancy	Smith and Darr	For Wayne county authorities
Sept.	Jno. Wilson	Grand larceny	Smith and Darr	
Sept.	Frank Irwin	Burglary and larceny	Smith and Darr	
Sept.	Anna Ryan	Larceny	Gast and Jakeway	No complaint made
Sept.	Wm. Storey	Failure to support	Gast and Jakeway	For Ionia county authorities
Sept.	Miles Norton	Grand larceny	Gast and Jakeway	No complaint made
Sept.	Nelson Morris	Surety of peace	Gast and Jakeway	Sentence snspended
Sept.	Tony Modjeska	Larceny	Gast and Jakeway	Sentence suspended
Sept.	Leo Modjeska	Larceny	Gast and Jakeway	State reform school till 17 years old
Sept.	David F Roe	Failure to support	Jakeway	
Sept.	Andrew McPherson	Larceny	Gast and Jakeway	No complaint made
Sept.	Abby Berman	Larceny	Gast and Jakeway	No complaint made
Sept.	Howard Cruthers	Larceny	Gast and Jakeway	No complaint made
Sept.	Ray Deitrich	Burglary and larceny	Gast and Jakeway	Discharged
Oct.	Gustof Attoquist	Larceny	Gast and Jakeway	No complaint made
Oct.	John Visser	Arson	Gast and Jakeway	Held for trial
Oct.	Thos. Dandy	Arson	Gast and Jakeway	Held for trial
Oct.	Lil y Seely	Disorderly person	Gast and Jakeway	Sentence suspended
Oct.	Wm. Ley	Surety of peace	Gast and Jakeway	Filed bond
Oct.	David Hogerhyde	Carrying conc'l'd weapons	Gast and Jakeway	Paid $6.85
Oct.	Oscar Thompson	Larceny	Gast and Jakeway	Fifteen days in county jail
Oct.	Frank Knatzs	Larceny	Gast and Jakeway	Thirty days in county jail
Oct.	Thos. M. Fayne	Deadly assault	Gast and Jakeway	For Allegan county authorities

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
Oct.	Wm. Foster	Larceny	Gast and Jakeway	No complaint made
Oct.	Wm. Harrison	Br'k'g and ent'ng R R car	Gast and Jakeway	Sixty days in county jail
Oct.	Chas H. Daniels	Br'k'g and ent'ng R R car	Gast and Jakeway	Sixty days in county jail
Oct.	Lena Kreige	Larceny	Gast and Jakeway	No complaint made
Oct.	John De Vlieger	Br'k'g and ent'ng R R car	Smith, Darr, Gast, and Jakeway	Paid $2 and costs
Oct.	John Autoblink	Br'k'g and ent'ng R R car		Paid $1 and costs
Oct.	Martin Van Devlin	Br'k'g and ent'ng R R car		Paid $1 and costs
Oct	Garrett Gilder	Br'k'g and ent'ng R R car		Paid $2 and costs
Oct.	Geo. Laudher	Br'k'g and ent'ng R R car		Paid $1 and costs
Oct.	Chas. Aldrich	Larceny	Gast and Jakeway	Thirty days in county jail
Oct.	Wm. Mohrie	Larceny	Gast and Jakeway	No complaint made
Oct.	Bert Smith	Larceny	Gast and Jakeway	No complaint made
Oct.	Wm. H. Patrick	Larceny	Smith and Darr	Discharged
Oct.	R. S. Stearns	Larceny	Smith and Darr	One year Jackson state prison
Oct.	Ed. Baxter	Burglary	Smith and Darr	Held for trial
Oct.	J. J. Lyons	Forgery	Smith and Darr	Held for trial
Oct.	Josie Habasbach	Shop lifting	Smith and Darr	No complaint made
Oct.	Jno. Gleason	Burglary and larceny	Smith and Darr	No complaint made
Oct.	Jno. DeBruin	Larceny	Smith and Darr	Paid $5 and costs
Oct.	Fred Weinstraw	Larceny	Smith and Darr	Paid $10 and costs
Oct.	Dick Sproat	Larceny	Smith and Darr	Paid $10 and costs
Oct.	Adrian Gelder	Br'k'g and ent'ng R R car	Smith and Darr	Paid $2 and costs
Oct.	Frank Dickinson	Larceny	Smith and Darr	For sheriff of Ionia county
Oct.	Geo. Lampbert	Larceny	Smith and Darr	One year at Jackson state prison
Oct.	Wm. Crampton	Larceny	Smith and Darr	One year at Jackson state prison
Oct.	Dr. Manuel	Larceny from person	Smith and Darr	No complaint made
Oct.	Jno. C. Smith	Grand larceny	Smith and Darr	Ninety days in county jail
Nov.	John Kloet	Larceny	Gast and Jakeway	Paid $5 and costs
Nov.	John Saddler	Larceny	Gast and Jakeway	Fifty days in county jail
Nov.	John Ball	Larceny	Gast and Jakeway	Paid $11 85 fine and costs
Nov.	Chas. Garbreck	Larceny	Gast and Jakeway	No complaint made
Nov.	John Courtney	Burglary and larceny	Gast and Jakeway	One year Ionia house of correction
Nov.	Albert Gordon	Burglary and larceny	Gast and Jakeway	Three years Ionia house of correction
Nov.	Henry Williams	Burglary and larceny	Gast and Jakeway	Three years Ionia house of correction
Nov.	Herman Brown	Burglary and larceny	Gast and Jakeway	Discharged
Nov.	Clara Kufstra	Larceny from person	Gast and Jakeway	Compromised on payment of costs
Nov.	Henry Quint	Grand larceny	Darr and Smith	No complaint made

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
Nov.	Frank Kellar	Grand larceny	Darr and Smith	No complaint made
Nov.	Theo. Elliott	Grand larceny	Darr and Smith	No complaint made
Nov.	James Morgan	Larceny	Darr and Smith	Sentence suspended
Nov.	Ed. Fitzgerald	Larceny	Darr and Smith	Ninety days county jail
Nov.	John Ball	Burglary and larceny	Darr and Smith	Held for trial
Nov.	Kerry Caw	Burglary and larceny	Darr and Smith	Held for trial
Nov.	Thos. Gallagher	Esc'd from State Ref. Sc'l	Darr and Smith	Turned over to county agent
Nov.	Chas. Walpert	Deadly assault	Darr and Smith	No complaint made
Dec.	Veronica Chapman	Larceny	Gast and Jakeway	Sixty days in county jail
Dec.	John Petherim	Larceny	Gast and Jakeway	Paid $6.85
Dec.	John Menerstrom	Larceny	Gast and Jakeway	Sentence suspended
Dec.	Sylvester Wilczinski	Larceny	Gast and Jakeway	Ninety days Ionia house of correction
Dec.	Anna Turkurst	Larceny	Gast and Jakeway	Discharged
Dec.	Stella Hathaway	Larceny	Gast and Jakeway	Sentence suspended
Dec.	Henry Raymoe	Larceny	Gast and Jakeway	Thirty days in county jail
Dec.	Harry Pelton	Larceny	Gast, Jakeway, Smith and Darr	No complaint made
Dec.	Nicholas Smith	Larceny from person	Gast and Jakeway	One and ½ yrs. Jackson state prison
Dec.	Frank W. Landers	Larceny	Gast and Jakeway	Sentence suspended
Dec.	Bert Logan	Malicious injury	Gast and Jakeway	Paid $3.93
Dec.	Herbert Miller	Malicious injury	Gast and Jakeway	Discharged
Dec.	Flora Novokoski	Larceny	Gast, Jakeway, Smith & Darr	No complaint made
Dec.	Frank Kearney	Larceny	Smith and Darr	Sixty days in county jail
Dec.	Frank Smith	Entic'g girls to h'se ill-fme	Smith and Darr	Five years at Jackson state prison
Dec.	Anna Meyer	Keeping house of ill-fame	Smith and Darr	Two years Detroit house of correction
Dec.	Kit Wilson	Keeping house of ill-fame	Smith and Darr	No complaint made
Dec.	Mary Wilder	Keeping house of ill-fame	Smith and Darr	No complaint made
Dec.	Sam. Oulette	Susp'n burglary and larc'y	Smith and Darr	No complaint made
Dec.	Ed. Barney	Susp'n burglary and larc'y	Smith and Darr	No complaint made
Dec.	Con. De Hughes	Larceny	Smith and Darr	Fined $100 or 90 days in county jail
Dec.	Clint. Worden	Larceny	Smith and Darr	Fined $25 or 60 days in county jail
Dec.	Josie Lawson	Larceny	Smith and Darr	No complaint made
Dec.	Geo. Robinson	Larceny	Smith and Darr	Sixty days in county jail
Jan.	Wm. Robinson	Disorderly person	Gast and Jakeway	Sentence suspended; costs paid $1.35
Jan.	Anna Turkurst	Larceny	Smith, Darr, Gast, and Jakeway	Nolle pross'd
Jan.	John Saddler	Larceny	Smith, Darr, Gast, and Jakeway	Ninety days in county jail

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
Jan.	Alex. Adams	Larceny	Gast and Jakeway	No complaint made
Jan.	Fred Clifton	Larceny	Gast and Jakeway	No complaint made
Jan.	Wm. Mitchel	Larceny	Gast and Jakeway	No complaint made
Jan.	Chas. Rice	Larceny	Smith, Darr, Gast, and Jakeway	Two years at Ionia house of correc'n
Jan.	Frank Landers	Larceny	Gast and Jakeway	No complaint made
Jan.	Chas. Soles	Larceny	Gast and Jakeway	Discharged
Jan.	Thos. Lynch	Larceny	Gast and Jakeway	Ninety days in county jail
Jan.	Frank Hensley	Larceny	Gast and Jakeway	Ninety days in county jail
Jan.	Hazel Slaughter	Larceny from the person	Smith, Darr, Gast and Jakeway	No complaint made
Jan.	Martha Lucas	Larceny from the person		No complaint made
Jan.	Maurice Courtney	Larceny	Smith and Darr	Sentence suspended
Jan.	Fred Courtney	Larceny	Smith and Darr	Paid $3.85 fine and costs
Jan.	M. Hibner	Resisting an officer	Smith and Darr	Released on payment of costs
Jan.	Lena Hibner	Resisting an officer	Smith and Darr	Released on payment of costs
Jan.	D. H. Noel	Larceny	Smith and Darr	Ninety days in county jail
Jan.	John Flaudoski	Larceny	Smith and Darr	Fined $5 and costs
Jan.	Estella Adamski	Larceny	Smith and Darr	State industr'l school for girls, Adrian
Jan.	Lou Chapman	Disp'ng mortgaged goods	Smith and Darr	Dismissed; costs paid $3.29
Feb.	Fred Needles	Larceny	Smith and Darr	Sixty days in county jail
Feb.	Jas. Parker	Forgery	Smith and Darr	Seven years Jackson state prison
Feb.	Ed. Griffen	Larceny	Smith and Darr	Held for trial
Feb.	Julius Schultz	Larceny	Smith and Darr	Held for trial
Feb.	Mabel Leonard	Larceny	Smith and Darr	Sixty days in county jail
Feb.	Wm. Qualey	Aid'g, abet'g prize fight'g	Smith and Darr	Dismissed
Feb.	Lou Chapman	Prize fighting	Smith and Darr	Held for trial
Feb.	John Sliver	Prize fighting	Smith and Darr	Held for trial
Feb.	Herman Orgus	Grand larceny	Gast and Jakeway	For Antrim county authorities
Feb.	Vend Bouowski	Grand larceny	Gast and Jakeway	For Antrim county authorities
Feb.	David Bouowski	Grand larceny	Gast and Jakeway	For Antrim county authorities
Feb.	Minnie Grace	Larceny	Gast and Jakeway	No complaint made
Feb.	Henry Wickering	Larceny	Gast and Jakeway	Sentence suspended
Feb.	Ed. Wickering	Larceny	Gast and Jakeway	Sentence suspended
Feb.	Lillie Bush	Larceny	Gast and Jakeway	Paid $5.85 fine and costs
Feb.	Geo. Burton	Larceny	Gast and Jakeway	Thirty days in county jail
Feb.	Metis Olgeren	Larceny	Gast and Jakeway	Sentence suspended; paid costs $2
Feb.	Michael Finn	Larceny	Gast and Jakeway	Turned over to Ottawa co. authorities

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
Feb.	Chas W Johnson	Embezzlement	Gast and Jakeway	Discharged
Feb.	Ferris Griffeth	Embezzlement	Gast and Jakeway	Dismissed
Feb.	John C. Smith	Burglary and larceny	Gast and Jakeway	Three years Jackson state prison
Feb.	Martin De Bruen	Disorderly person	Gast and Jakeway	Discharged
Feb	Frank Smith	Larceny	Gast and Jakeway	Paid $10 85 fine and costs
Feb.	Frank Massie	Larceny	Gast and Jakeway	Sentence suspended; paid costs $1.85
Feb.	Ed. Fiizgerald	Grand larceny	Gast and Jakeway	Held for trial
Feb.	Maud Sampson	Larceny	Gast and Jakeway	Sent to Coldwater school till 18 yrs old
Feb.	Wm. Qualey	On mittimus	Gast and Jakeway	Discharged
Feb.	Wm. Beyers	Escape from reform sch'l	Gast and Jakeway	Turned over to Lansing authorities
March	Walter Stiles	Larceny	Gast and Jakeway	Paid $2 fine and costs
March	Orville Reed	Larceny	Gast and Jakeway	Paid $2 fine and costs
March	Chas Gallagher	Aid'g, abet'g prize fight'g	Gast and Jakeway	Paid $25 fine and costs
March	Guy Bradford	Aid'g, abet'g prize fight'g	Gast and Jakeway	Paid $25 fine and costs
March	Frank Shawbut	Embezzlement	Gast and Jakeway	Dismissed
March	Albert Taylor	Prize fighting	Gast and Jakeway	Held for trial
March	Fred Ingalls	Aid'g, abet'g prize fight'g	Gast and Jakeway	Paid $50 fine and costs
March	Byron Gillett	Larceny	Gast and Jakeway	Paid $2.33 fine and costs
March	Chas. Gillett	Larceny	Gast and Jakeway	Paid $2 33 fine and costs
April	John De Young	Disorderly person	Gast and Jakeway	Dismissed
April	Jacob Welker	Burglary and larceny	Gast and Jakeway	No complaint made
April	Hiram Aldrich	Grand larceny	Gast and Jakeway	For Saginaw authorities
April	John Saddler	Larceny	Gast and Jakeway	Sentence suspended
Ap il	Al. Mallett	Larceny	Gast and Jakeway	Ninety days in county jail [to Lans'g
April	Clara Connell	Runaway girl	Gast and Jakeway	Turned over to co. supt. poor, sent back
April	Mrs. L. A. Mason	Resisting an officer	Gast and Jakeway	Dismissed
April	Joseph Massard	Larceny	Gast and Jakeway	Sentence suspended
April	Ernest French	Larceny	Gast and Jakeway	Ninety days in county jail
April	Adelbert Walker	Larceny	Gast and Jakeway	Case pending
April	Adelbert Cressy	Larceny	Gast and Jakeway	Case pending
April	Henry Hascher	Conc'ling m'tg'd property	Gast and Jakeway	Case pending
April	Emma Hahn	Larceny	Jakeway	Held for trial
April	Wm. Payne	Malicious injury to prop'y	Gast and Jakeway	Paid $4 fine and costs
April	A. C. Goodrich	Larceny	Gast and Jakeway	Dismissed
April	Dan'l Phelps	Larceny	Gast and Jakeway	Case pending
April	Geo. Rider	Larceny	Gast and Jakeway	Case pending
April	Fred Blakely	Larceny	Gast and Jakeway	Case pending

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TABLE NO. 11—CONTINUED.

DATE	PRISONER	CHARGE	BY WHOM ARRESTED	REMARKS
April	Fred. Courtney	Burglary and larceny	Gast and Jakeway	Case pending
April	Ed. Stevens	Burglary and larceny	Gast and Jakeway	Case pending
April	Fred. Blakely	Burglary and larceny	Gast and Jakeway	Case pending
April	Chas. Schultz	Burglary and larceny	Gast and Jakeway	Case pending
April	Frank Forest	Burglary and larceny	Gast and Jakeway	Case pending
April	Otto Behnke	Larceny	Smith and Darr	Sixty days in county jail
April	Arthur Cobb	Larceny	Smith and Darr	Case pending
April	Wm. Prentice	Bastardy	Smith and Darr	For Benzie county authorities
April	John Dormede	Grand larceny	Smith and Darr	For Saginaw authorities
April	John Folger	Fraud	Smith and Darr	Case pending
April	Geo. Forbes	Larceny	Smith and Darr	For Plainwell authorities
April	Wm. Pratt	Larceny	Smith and Darr	For Plainwell authorities
April	August Johnson	Non support	Darr	For Bay City authorities
April	Wm. Wood	Larceny	Smith and Darr	Held for trial
April	A. Silverman	Resisting an officer	Smith and Darr	Discharged

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TABLE NO. 12—DISPOSITION OF CASES.

	Appealed	Commitment Issued	Committed to County Jail	Discharged	Discharged—Costs Paid	Dismissed	Dismissed—Costs Paid	Filed Bond to Keep the Peace	Held for Trial	Nolle Pross'd	Nolle Pross'd—Costs Paid	Paid Fine	Paid Fine and Costs	Sentence Suspended	Sentence Suspended Costs Paid	Sent to Reformatory at Lansing	Sent to State Industrial School, Adrian	AMOUNT FINES AND COSTS COLLECTED. FINES PAID.	COSTS PAID.	TOTAL Fines and Costs Paid
May	4	3	55	4	....	3	....	....	7	5	2	....	52	7	10	1	1	$ 156 85	$ 114 63	$ 271 48
June	2	2	49	4	....	2	1	....	32	6	1	....	54	22	9	4	1	164 00	121 25	285 25
July	2	2	36	8	....	2	....	....	27	4	5	3	39	17	19	2	1	117 00	112 12	229 12
August	....	....	53	9	1	12	1	....	12	6	6	....	93	16	19	1	....	818 25	250 63	1,068 88
September	1	....	47	8	....	2	....	....	9	9	5	....	61	10	10	2	1	302 00	156 28	458 28
October	1	....	36	2	....	10	1	1	14	3	7	1	57	19	20	2	....	256 50	151 31	407 81
November	....	1	36	3	....	18	1	....	15	4	3	....	34	4	15	2	....	152 00	98 57	250 57
December	....	....	26	2	....	10	....	....	17	3	....	1	47	6	7	1	....	400 00	97 25	497 25
January	1	....	25	3	....	3	2	1	8	2	2	....	35	20	9	....	1	171 00	85 14	256 14
February	3	....	23	....	....	9	3	....	11	10	2	....	31	11	7	1	...	265 50	107 58	373 08
March	....	....	32	....	....	12	3	....	18	7	2	....	40	22	12	....	1	350 00	131 31	481 31
April	....	....	32	5	....	6	....	1	11	10	4	....	48	15	2	1	1	242 00	86 01	328 01
Total	14	8	450	48	1	89	12	3	181	69	39	5	591	169	139	17	7	$3,395 10	$1,512 08	$4,907 18

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NATIVITY OF PERSONS ARRESTED.

United States	1253
Austria	5
Belgium	4
Canada	121
Denmark	3
England	24
France	4
Germany	110
Greece	3
Holland	164
Ireland	82
Italy	2
Norway	4
Poland	20
Russia	7
Scotland	15
Sweden	17
Switzerland	3
Wales	2
Total	1843

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OCCUPATIONS OF PERSONS ARRESTED.

Agent	28	Deputy Sheriff	1
Architect	1	Dentist	1
Ass't Superint'd't	1	Domestic	45
Auctioneer	1	Dressmaker	3
Baker	11	Druggist	9
Barber	16	Engineer	7
Bartender	16	Expressman	8
Bell Boy	4	Farmer	31
Blacksmith	12	Finisher	37
Bookkeeper	12	Filer	1
Boilermaker	7	Fireman	5
Bootblack	7	Furrier	1
Brakeman	5	Gambler	7
Brewer	3	Gardener	1
Brickmaker	1	Gluer	1
Buffer	2	Hackman	7
Butcher	17	Harnessmaker	3
Cabinetmaker	24	Horseman	23
Candymaker	2	Horseshoer	1
Carpenter	54	Hatter	1
Carver	19	Hotelkeeper	7
Cigarmaker	13	Housekeeper	46
Chairmaker	2	Janitor	1
Clerk	29	Jeweler	1
Collector	3	Laborer	558
Contractor	2	Lather	1
Cook	14	Lineman	5
Cooper	12	Liveryman	4

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Machinist	23
Machine Hand	40
Mason	25
Merchant	36
Messenger	1
Milk Peddler	1
Miller	1
Molder	16
None	38
Optician	2
Packer	8
Painter	42
Patternmaker	1
Peddler	19
Physician	2
Pianomaker	1
Plasterer	3
Plater	1
Plumber	13
Polisher	2
Porter	14
Printer	28
Prostitute	37
Sailor	2
Salesman	11
Saloonkeeper	92
Sawmaker	1
Sawyer	4
Schoolboy	114
Schoolgirl	5
Shoemaker	9
Stavejointer	4
Steamfitter	5
St. Ry. conductor	1
St. Ry. motorman	2
Stonecutter	17
Student	3
Showman	1
Stencilcutter	2
Tailor	13
Tanner	4
Teamster	20
Telegrapher	4
Trimmer	4
Tinsmith	11
Turner	1
Typewriter	1
Umbrella repairer	1
Upholsterer	2
Varnisher	2
Wagonmaker	1
Waiter	12
Weaver	2
Total	1843

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SUMMARY OF WORK OF TRUANT OFFICER.

CHARACTER OF NOTICES SERVED	1892 MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	1893 JAN.	FEB.	MARCH	APRIL	TOTALS
Number of persons warned for truancy	7	8	.....	.....	12	24	13	10	8	8	13	19	122
Number of persons warned for incorrigibility	.....	3	.....	.....	2	3	3	4	3	3	2	6	29
Number of persons warned under compulsory law	2	.....	.....	.....	6	.....	11	14	13	20	19	15	100
Number of special cases investigated	252	155	.....	.....	295	253	165	173	254	249	251	261	2,308
Number of visits to stores and factories	11	2	.....	.....	9	9	14	17	15	16	15	18	126
Number of persons taken from the streets to school	9	3	.....	.....	21	8	9	10	13	19	25	23	140
Number of persons arrested on warrant	2	1	.....	.....	1	1	.....	2	.....	5	5	4	21
Total	283	172	.....	.....	346	298	215	230	306	320	330	346	2,846

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FISCAL EXHIBIT.

Statement of Receipts and expenditures of the Police Department for the Fiscal Year ending September 15, 1892.

	DR.	CR.
To estimates for year ending Sept. 15, 1892....	$74,813.47	
To special fund for furnishing Police building.	4,606.53	
To unexpended balance carried forward from Sept. 15, 1891.....	5,478.19	
To sundry material sold and turned into city treasury.....	492.52	
To sundry material sold and turned into city treasury under date of Nov. 9, but belonging to Sept. 15 account.....	50.00	
By salaries account.....		$56,852.57
By horses		175.00
By belts, badges, etc.....		3.05
By feed		417.79
By gas and lighting.....		398.55
By washing		85.66
By telephone rents		648.58
By repairs Patrol Wagon and Harness.....		69.35
By water		84.41
By general supplies and maintenance of Hdqtrs.		1,226.58
By supplies and m'nt'ce of op't'ns of patrol sys.		1,737.90
By expense Secretary's office.....		31.95
By hay and grain.....		230.19
By horse shoeing and veterinary.....		156.28
By patrol wagons.....		450.00
By one-half Secretary's salary.....		600.00
By incidentals.....		104.84
By repairs of ambulance.....		7.50
By expended in finishing new Police building..		4,459.50
By paid to Fire Department for keep of horses, etc., during the year ending Sept. 15, 1892.		394 89
By unexpended balance.....		17,306 62
	$85,440.71	$85,440.71
To unexpended balance.....	17,306.62	
By furnishing fund approved by the Common Council, but not transferred to the credit of such fund.....		$ 4,606.53
To approximate estimate of unexpended balance deducted from sum needed for year ending Sept. 15, 1893.....		12,000.00
Bal. to apply on year ending Sept. 15, 1893.....		700.09
	$17,306.62	$17,306.62

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APPROPRIATIONS.

Statement of sums appropriated for the maintenance of the Police Department for the fiscal year ending September 15, 1892:

Salaries	$65,764 97
Horses	1,000 00
Belts, Badges, etc	150 00
Fuel	500 00
Gas and Lighting	450 00
Washing	100 00
Telephone Rents	700 00
Repairs Patrol Wagon and Harness	100 00
Water	120 00
Special Detectives	50 00
Gen'l supplies and m't'ce of Headqtrs	1,200 00
Supplies m't'ce of operation of patrol sys.	1,600 00
Expense Secretary's office	50 00
Extension patrol system	250 00
Hay and Grain	800 00
Horse Shoeing and Veterinary	200 00
Patrol Wagons	750 00
One-half Secretary's Salary	600 00
Incidentals	125 00
Maintenance and Repairs of Ambulance.	303 50
Total	$74,813 47
To several amounts as per fiscal statement	$10,627 24
	$85,440 71

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PATROL AND SIGNAL SERVICE DEPARTMENT.

GRAND RAPIDS, Mich., May 20, 1893.

To the Honorable Board of Police and Fire Commissioners:

GENTLEMEN: I herewith submit my annual report of the Police Signal System, for the year ending April 30, 1893.

There is in service at present thirty (30) miles of ærial wire, No. 9 gauge, galvanized iron wire; two thousand, five hundred and twenty-eight (2528) feet single, No. 14, covered copper wire, under ground; sixteen thousand, eight hundred and four (16,804) feet of same kind and size of wire as last above mentioned, in underground cables. There are also forty-two (42) signal boxes, with the appliances for transmitting and receiving signals.

The following work has been done on the system during the year: Two (2) signal boxes have been moved, on account of the grading of streets. The locations of five (5) boxes have been changed, to conform with the newly-established beats.

The wires have been put underground between Crescent avenue and Fulton street, and the ærial wires taken down. The electrical appliances were changed from the old to the new Headquarters. The ærial wires were taken off of Sonth Division street and placed in the alley between Sheldon and

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Lagrave streets, and Jefferson avenue from Fulton street south to McDowell street. Three (3) abandoned poles have been taken down. There has been seven (7) miles of ærial wire taken down and ten (10) miles put up. There has been one thousand, eight hundred and eighty-eight (1888) feet of single wire and eight thousand and sixty-four (8064) feet in cable, laid underground. There has also been laid one (1) cable, containing fifteen wires, between No. 4 Engine House and Headquarters, three hundred and seventeen (317) feet in length.

RECOMMENDATIONS.

I would recommend that the wires on Front street, south of Bridge street to Pearl street, be placed underground, and the ærial wires be taken off of Bowery, Broadway and First streets, and be placed on other streets or street. Also that the wires on Kent street, from Crescent avenue to Trowbridge street, be placed underground.

In conclusion, I desire to extend my thanks to your Honorable Board for the courtesy shown me, and to the officers and members of the Police Department for their assistance in making this branch of the service successful.

Yours, very respectfully,

H. C. BETTINGHOUSE,

Electrician in charge.

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INVENTORY OF PROPERTY.

68 Jars of Battery	$ 35 00
1 extra Sentry Box	25 00
1 set of patterns	50 00
3 Signal Boxes	23 00
38 New Zinc	11 00
45 LaClanche Battery	25 00
2 Cast iron tops for Sentry Boxes	15 00
8 Sp'gs for Sig. Boxes and Registers	2 00
6 Battery Boxes	3 00
8 lbs. Register Paper	2 00
Office outfit and 42 Signal Boxes with Electrical appliances	4,000 00
30 Miles Wire	1,000 00
42 Poles	150 00
1 Generator	5 00
317 feet underground 15 wire cable	90 00
16084 feet wire in cable	168 00
2528 feet single wire (insulated)	126 00

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FIRE DEPARTMENT.

ANNUAL REPORT OF THE FIRE MARSHAL.

GRAND RAPIDS, April 30, 1893.

To the Hon. Board of Police and Fire Commissioners:

GENTLEMEN: I herewith submit my annual report for the year ending April 30, 1893, showing in detail the work performed, with such recommendations as I deem of importance, which I trust you will carefully consider.

While the number of alarms for the year past has greatly exceeded all others, the losses are not excessive.

There have been 282 alarms given, of which 203 were box alarms and 79 telephone alarms (with 23 false alarms), making 282 alarms.

The losses for the year on buildings and contents are $163,501.50. Insurance on same, $2,389,125.00. Valuation of property destroyed and endangered, $4,013,620.00.

FIRE STATIONS.

No extensive repairs have been needed during the year, and all are in good condition.

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APPARATUS AND ORGANIZATION.

At this time there are in service, fully manned and equipped, the following apparatus:

Five Steam Fire Engine Companies.
Four Hose Companies.
Two Chemical Engine Companies.
Three Hook and Ladder Companies.
One Fuel Wagon and Driver.
One Telegraph Wagon.
One Buggy for Fire Marshal.

RESERVE APPARATUS.

One Hose Wagon.
One Hose Carriage.
One Hook and Ladder Truck.

APPARATUS NOT SERVICEABLE.

Two Two-wheeled Hose Carts.

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MANUAL FORCE.

The manual force consists of 82 full paid men and 24 part paid men, ranking as follows:

One	Fire Marshal
One First Assistant	Fire Marshal
One Second Assistant	Fire Marshal
One Superintendent of	Fire Alarms
Twelve Captains of Companies	Full pay
Fourteen Lieutenants of Companies	Full pay
Five Engineers of Steamers	Full pay
Four Stokers of Steamers	Full pay
One Stoker of Steamers	Part pay
Seven Pipemen	Full pay
Seventeen Pipemen	Part pay
Thirteen Laddermen	Full pay
Six Laddermen	Part pay
Twenty-one Drivers	Full pay
Two Telegraph Linemen	Full pay

Total force, 106.

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INCREASE OF FORCE DURING THE YEAR.

There has been no increase in the force during the year. Vacancies which have occurred from different causes have been filled from the substitute list and promotions from the ranks. Twelve men have been promoted, thirteen disciplined and one dismissed.

IN THIS CONNECTION.

The force of part pay men should be reduced and the full pay increased. The interior of the houses should be provided with gymnastic apparatus of a kind best calculated to aid in developing the muscles and increasing the power of endurance, and every member of the permanent force should be compelled to practice therewith at stated periods and in a thorough and systematic manner. I do not consider that a fireman should be an athlete, but I do consider that he should be physically sound and at all times be in the best possible condition to withstand hardships and violent exercise.

During the year one steam fire engine and two city hook and ladder trucks have been purchased to replace those worn out. The apparatus is all in good condition, except No. 1 chemical engine and No. 8 hose wagon.

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HOSE.

There is in use 13,000 feet of 2½-inch cotton rubber lined hose in good condition, 3,000 in fair condition, with 1,500 not serviceable, together with three deluge outfits carried on Nos. 3, 6 and 8 steamers, consisting each of 20 feet of 3-inch hose with two two-way Siamese and large play pipes; also, 500 feet of 1-inch hose for the chemical engines. Together with sufficient hose at the different stations for domestic use.

HORSES.

There are forty-five horses in active use, with two in reserve for use when others are disabled. All are in good condition and, with few exceptions, are young and well able to perform their work.

WATER SUPPLY.

The supply is sufficient and the distribution is constantly being increased. However, there are many localities where the number of fire hydrants should be increased. This has been referred to in my former reports.

BUILDING INSPECTION.

A large amount of this work has been done, which serves to prevent many fires and acquaints the men with the character of the buildings and their contents. The importance of having a building inspector, as provided by law, can not be overestimated, with a growing disposition to build taller buildings and buildings of larger area. This city will wake up at some future day to the importance of a revision of the building law and a proper official to enforce it.

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ACCIDENTS TO MEMBERS OF THE FORCE.

The usual number of minor accidents have occurred. However, nothing of a serious character has befallen any of the men.

No member of the Department has been called upon to perform any hazardous act calling for special bravery during the year.

RECOMMENDATIONS.

That there be erected an engine house in the eastern and southwestern parts of the city.

The purchase of one chemical engine and one steam fire engine.

To repair No. 3 chemical engine and No. 8 hose wagon.

That three full time men be added to No. 3 Hook and Ladder Co.

That one full time man be added to Nos. 1, 2, 3, 4, 5, 6, 7, 8 and 9 companies.

A new brick floor placed in No. 3 Engine House.

The purchase of 3,000 feet of hose.

OBITUARY.

But one death has occurred in the Department during the year — that of Mr. Thomas Gibbons, engineer No. 2 steamer. He was a veteran in the service, greatly wrapped up in his duties, and deeply attached to his engine. After an illness of about eighteen months, in pain most of the time, all of which he bore without a murmur, he passed quietly away on the 9th of September, 1892. At his request the Department took a prominent part in the burial services.

Attached hereto is the report of the veterinary surgeon, which is given in detail:

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GRAND RAPIDS, April 30, 1893.

To the Hon. Board of Police and Fire Commissioners:

GENTLEMEN: Herewith, I submit my report from May 1, 1892, to May 1, 1893, and in doing so I wish to thank the members of the Department for the courtesy and kindness shown me while engaged in my duties, which has greatly facilitated my labors.

Professional calls to the respective houses, including the police department and regular visits, aggregate 413, for the following diseases:

Azoturia	3
Bruise from falling on pavement	2
Bowels, paralysis	1
Colic	9
Cough	8
Cold	3
Cracked heels	23
Caulked	3
Debility	15
Ear sore	1
Indigestion, acute	3
Influenza	4
Interfering	7
Kidney trouble	12
Lame in foot	16
Lame in hock	2
Lame in stifle	2
Lame in tendons	3
Lymphangitis	3
Ophthalmia, simple	1
Sprain in leg	8

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Stomach, acidity	2
Sun-stroke	1
Sore neck	3
Sore throat	2
Teeth irregularities	31
Thrush	4
Vertigo	1
Total	173

CLASSIFICATION.

Diseases of respiratory organs	17
Diseases of stomach and bowels	15
Diseases of kidneys	15
Diseases of eye	1
Diseases of ear	1
Diseases of locomotion	50
Diseases of feet	23
Diseases of mouth and head	32
Wounds, abrasions, etc	2
General debility	15
Nervous affection	2
Total	173

RECAPITULATION.

Number of professional calls	413
Number of diseases treated	173

Respectfully,

U. S. SPRINGER,

Vet. Surgeon.

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FIREMEN'S RELIEF FUND.

A perusal of the annual report will show a continuance of the bad management referred to one year ago. Some object to becoming members and would be glad to see it die. At the same time they lose no opportunity of getting hold of as much of the cash on hand as possible. Others are too selfish to permit an accumulation of funds, which would put the association in good financial condition, and thus make it an honor to the Department. There is no reason why the dues and donations should not create a constant increase in the funds yearly.

Secretary-Treasurer's annual report of finances of the Grand Rapids Firemen's Fund Association:

1892.		Dr.	Cr.
July 1	To cash on hand.....	$3,966 44	
July 20	To cash, initiation and quarterly dues....	104 00	
Sept. 21	To cash, initiation and quarterly dues....	16 00	
Oct. 1	To cash, initiation and quarterly dues....	105 00	
Nov. 21	To cash, initiation and quarterly dues....	4 00	
1893.			
Jan. 1	To cash, interest	79 12	
Jan. 19	To cash, initiation and dues.....	104 00	
April 13	To cash, initiation and dues.....	13 00	

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April 20	To cash, initiation and dues	97 00	
May 8	To cash, J. Hamilton	10 00	
		$4,498 56	

CONTRA.

			Cr.
July 20	By cash, check T. Gibbons		$ 50 00
July 20	By cash, check J. Cummings		10 00
Aug. 18	By cash, check T. Gibbons		40 00
Sept. 21	By cash, check W. Stewart		10 00
	By cash, check T. Gibbons		32 84
	By cash, check Geo. Roberts		11 42
	By cash, check E. Boughner		10 00
Oct. 19	By cash, check Geo. Rowley		10 00
	By cash, check Mrs. Gibbons		50 00
	By cash, check J. Goodrich		10 00
	By cash, check G. L. Roberts		8 52
Oct. 20	By cash, check Valley City Cemetery Com.		10 00
Nov. 16	By cash, check Frank Finn		14 97
Nov. 17	By cash, check Emory Beach		11 42
	By cash, check W. Somers		10 00
Dec. 21	By cash, check J. Goodrich		60 00
	By cash, check M. O'Keefe		10 00
Dec. 31 1893.	By cash, check S. W. Baxter, salary 6 months		12 50
Jan. 18	By cash, check J. Goodrich		40 00
Jan. 20	By cash, check Geo. Roberts		40 00
	By cash, check Chas. Condon		10 00
	By cash, check M. O'Keefe		7 18
Feb. 15	By cash, check E. Sutherland		17 10
	By cash, check John Goodrich		10 00
	By cash, check Hensen & Johnson, printing		17 00
	By cash, check W. Somers		10 00
	By cash, check Dan Lamore		10 00
Mar. 15	By cash, check W. Jennings		20 00
	By cash, check E. Sutherland		25 68
	By cash, check S. W. Baxter		30 00
	By cash, check C. N. Beebe		20 00

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April 7	By cash, check J. Krupp.....		10 00
April 19	By cash, check Emory Beach...		10 00
	By cash, check M. Verlin.....		10 00
	By cash, check J. Krupp.....		40 00
	By cash, check W. Curtiss.....		10 00
	By cash, check W. Smith.....		10 00
	By cash, check S. W. Baxter...		50 00
	By cash, check Mrs. A. L. Cahoon, nurse.....		25 68
	By cash, check W. Jennings....		4 26
		$4,498 56	$798 57
		798 57	
	Balance, cash on hand....	$3,699 99	

The average membership has been about ninety, showing a decrease of the funds in the last year of $266.45 from death and sickness.

CONCLUSION.

In conclusion, you will please accept my sincere thanks for the support you have given me at all times. I further wish to express my thanks to the police force, one and all, to the water works' officials, and to the officers and members of the Fire Department for their faithfulness upon all occasions.

Thanking you all, I remain,

HENRY LEMOIN,
Fire Marshal.

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FISCAL EXHIBIT.

Statement of receipts and expenditures of the Fire Department for the Fiscal Year ending September 15, 1892:

	Dr.	Cr.
To Estimates for year ending September 15, 1892	$101,547 10	
Unexpended balance, September 15, 1891	1,289 52	
Sundry material sold and turned into City Treasurer	424 85	
Deposited with City Treasurer, under date of Nov, 9, belonging to account of previous year	394 89	
By Salaries account		$ 58,406 78
Veterinary account		369 06
Hay and straw account		2,117 23
Grain and feed account		2,376 79
Fuel account		1,502 61
Lighting account		199 80
Water account		195 00
Repairs to engine houses account		1,245 51
Horse shoeing account		870 45
Washing account		257 12
Stationery account		83 97
Hose account		3,790 00
Horses account		2,835 00
Fire alarm and extension account		2,874 66
Telegraph supplies account		139 64
Telephone rents account		213 00
Repairs to apparatus account		2,424 04
General supplies account		2,527 57
One-half secretary's salary		600 00
Expense secretary's office		31 97
Incidentals		141 26
Two hose wagons		950 00
Coal wagon		70 00
Aerial ladder		2,900 00
Enlargement No. 1 engine house		2,438 44
Unexpended balance		14,096 46
	$103,656 36	$103,656 36

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APPROPRIATIONS.

Statement of sums appropriated for the maintenance of the Fire Department for the Fiscal Year ending September 15, 1892:

Salaries	$ 68,176 10
Veterinary	300 00
Hay and straw	1,800 00
Grain and feed	2,500 00
Fuel	1,600 00
Lighting	250 00
Water	250 00
Repairs to engine houses	1,500 00
Heating apparatus, Nos. 8 and 9	700 00
Horse shoeing	1,000 00
Washing	400 00
Stationery	50 00
Hose	5,040 00
Horses	2,500 00
Fire alarm repairs and extension	2,431 00
Telegraph supplies	100 00
Telephone rents	200 00
Hydrant gates	25 00
Repairs to apparatus	1,200 00
General supplies	1,600 00
Fire hats	100 00
One-half secretary's salary	600 00
Expense secretary's office	50 00
Incidentals	200 00
Two hose wagons	900 00
Coal wagon	75 00
Aerial ladder	3,000 00
Enlargement No. 1 engine house	5,000 00
Total estimates	$101,547 10
Amounts as per Fiscal Statement	2,109 26
	$103,656 36

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DEPARTMENT OFFICERS.

NAME	RANK	NATIVITY	ENTERED SERVICE
Henry Lemoin	Marshal	Ohio	July 1, 1873
Solon W. Baxter	First Assistant Marshal	Michigan	April 1, 1872
H. C. Bettinghouse	Second Ass't Marshal and Sup't of Alarms	Ohio	June 1, 18 0
Walter Maxam	Driver supply wagon	Michigan	Sept'r, 1892

COMPENSATION.

	PER YEAR	Per Day First Year	Second Year	Third Year
Marshal	$1,850 00			
First Assistant Marshal	1,200 00			
Second Assistant Marshal and Superintendent Fire Alarm	1,450 00			
Ass't Superintendent Fire Alarm	1,000 00			
Driver supply wagon		$1 55	$1 80	$1 90
Captains		2 50		
Lieutenants		2 10		
Engineers		2 74		
Stokers, full time		1 55	1 85	2 00
Stokers, part time		48		
Drivers		1 55	1 80	1 90
Laddermen		1 55	1 85	2 00
Pipemen		1 55	1 85	2 00
Linemen		1 80 to 2 00		
Part pay men		55		

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ENGINE HOUSE NO. 1

49 LAGRAVE STREET.

The apparatus stationed at this house consists of one hose wagon, built by the Michigan Fire Ladder and Engine Company, of Grand Rapids, Mich. Has been in service one and one-half years. Weight, when ready for use, 3,500 pounds. Is drawn by two horses.

One chemical engine, built by the Champion Manufacturing Company, of Louisville, Kentucky. Has one one hundred gallon tank. Weight, when ready for use, 5,000 pounds. Has been in service twenty and one-half years.

One modern hook and ladder truck, equipped with 222 feet of ladders, built by the Michigan Fire Ladder and Engine Company, of Grand Rapids, Mich. Has been in service six months. Weight, when ready for use, 4,000 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Isaac Sonke	Captain	Michigan	Nov., 1884
John Connor	Lieutenant	New York	Dec., 1887
Ed S. Aldridge	Driver	New York	Oct., 1891
Ralph French	Part pay pipeman	Michigan	Dec., 1892
Newton Gavity	Part pay pipeman	Canada	Dec , 1891
Gottleib Rau	Part pay pipeman	Michigan	April 1893
Charles Sylvester	Lieuteuant	Michigan	May, 1890
James Eddy	Driver	Canada	Oct., 1886
John Smith	Captain	Canada	Aug , 1873
Henry Beekman	Lieutenant	Holland	March, 1892
Wm. Jennings	Driver	Canada	March, 1892
Wm. Curtis	Ladderman	Michigan	March, 1892
Frank Mutchler	Ladderman	Michigan	March, 1892
Emmanuel Hugenot	Ladderman	Michigan	Dec., 1892
Eduard Boughner	Ladderman	Canada	March, 1892
Thomas Bonser	Ladderman	Michigan	March, 1893

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ENGINE HOUSE NO. 2.

220 BARCLAY STREET.

The apparatus stationed at this house consists of one second-class piston engine, built by the Ahrens Manufacturing Co., of Cincinnati, Ohio. Weight, when ready for use, 7,130 pounds. Has been in service two years and six months. Capacity, 600 gallons per minute. Is attended by one four-wheeled hose wagon built by Colby, Craig & Co., of this city. Has been in service five years and four months. Weight when fully equipped, 2,800 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
J A. Brown	Captain	Maine	May, 1881
Luther Lemon	Lieutenant	Michigan	Dec., 1886
Sol J Tanner	Engineer	Michigan	June, 1888
Lee Soules	Stoker	Michigan	June, 1891
J. B. Taylor	Driver	Ohio	Feb., 1885
George Cotton	Driver	Michigan	July, 1890
G. B. Buck	Pipeman	Michigan	Sept., 1890
Stephen Rau	Pipeman	Canada	June, 1891
Frank B. Cotton	Pipeman	Michigan	Jan., 1892

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ENGINE HOUSE NO. 3.

CORNER FRONT AND SECOND STREETS.

The aparatus at this house consists of one hose wagon built by the Michigan Fire Ladder and Engine Co., of Grand Rapids, Mich. Has been in service two and one-half years. Weight when fully equipped, 3,500 pounds. Is drawn by two horses.

One chemical engine, "Champion," built by the Fire Extinguisher Manufacturing Company, of Chicago, Ill. Has been in service nine years. Weight, when ready for use, 5,660 pounds. Has two 80-gallon tanks. Is drawn by two horses.

One modern hook and ladder truck equipped with 222 feet of ladders. Built by the Michigan Fire Ladder and Engine Company, of Grand Rapids, Mich. Has been in service six months. Weight, when ready for use, 4,000 pounds. Is drawn by two horses.

One first size engine built by the Button Fire Engine Company, of Waterford, N. Y. Has been in service five years and three months. Capacity, eight hundred gallons per minute. Weight, 10,000 pounds. Is drawn by three horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Wm. Scott	Captain	Canada	Oct., 1887
Frank Fenn	Lieutenant	Michigan	Oct., 1888
Charles Howe	Pipeman	Michigan	Aug., 1887
Michael Murphy	Driver	Michigan	Feb., 1887
George Roberts	Engineer	Massach's	Sept., 1878
William Hanner	Stoker	Michigan	April 1889
Fred Breamer	Driver	Michigan	March, 1888
Charles Spencer	Pipeman	New York	March, 1881
Peter Honn	Pipeman	Michigan	July, 1888
George Rowley	Captain	Michigan	July, 1884
John Mason	Lieutenant	Michigan	Sept., 1887
Michael Carr	Ladderman	Canada	Sept., 1891
Michael Verlin	Ladderman	Michigan	May, 1892
James Branigan	Driver	Michigan	June, 1890
Emory Beach	Ladderman	Michigan	Nov., 1888
George Johnson	Ladderman	Norway	Feb., 1888
George Cole	Lieutenant	Michigan	April, 1891
Charles N. Beebe	Driver	Michigan	Sept., 1891
Frank Cummings	Relief	Michigan	Feb., 1893
John Kloosterhouse	Ladderman	Michigan	Aug., 1892
Alex. Ross	Ladderman	Michigan	Aug. 1892
Hanis Baley	Ladderman	Michigan	April. 1893

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ENGINE HOUSE NO. 4.

CORNER KENT STREET AND CRESCENT AVENUE.

The apparatus stationed at this house consists of one four-wheeled hose wagon, built by Colby, Craig & Co., of this city. Has been in service two years and six months. Weight, when fully equipped, 3,100 pounds. Is drawn by two horses.

One ærial truck built by the Michigan Fire Ladder and Engine Company, of this city. Reaches 90 feet from the ground when extended. Has additional equipment of 285 feet of ladder, two extinguishers (6 gallons each), buckets, fire axes, etc. Has been in service one year and four months. Is drawn by three horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
David B. Walker	Captain	Canada	Dec., 1880
George Boughner	Lieutenant	Canada	Sept, 1886
Fred I. Bilsborrow	Ladderman	New York	Dec., 1891
Eugene Nicholson	Driver	Michigan	May, 1891
Dan Lamore	Driver	Michigan	Nov., 1891
John C. Krupp	Ladderman	Michigan	March, 1892
Jake Krupp	Ladderman	Michigan	March, 1892
Wm. H. Tuffts	Ladderman	Vermont	Nov, 1882
Peter Farwell	Ladderman	Canada	Oct., 1886
John Goodrich	Captain	Michigan	Nov., 1887
Eugene Dunn	Lieutenant	Michigan	Oct., 1889
Harry Tucker	Pipeman	England	May, 1874
Wm. Summers	Pipeman	Germany	Dec., 1884
Thos. McDonnell	Pipeman	Ireland	Oct., 1888
Charles Lamore	Pipeman	Michigan	June, 1888
Fred Hensler	Ladderman	Michigan	March, 1892
Wm. Smith	Driver	Michigan	Nov., 1891
Denny Hayes	Driver	Ireland	May, 1892

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ENGINE HOUSE NO. 5.

CORNER CANAL AND LEONARD STREETS.

The apparatus stationed at this house consists of one second-class piston engine, built by the Button Engine Manufacturing Company, Waterford, N. Y. Has been in service ten and a half years. Weight, when ready for use, 6,940 pounds. Capacity 700 gallons per minute. Is drawn by two horses. Is attended by one four-wheeled hose carriage built by the Caswell Fire Department Supply Manufacturing Company. Weight, when fully equipped, 4,025 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Truman M. Smith	Captain	Pennsy'a	Nov, 1878
William H. Harris	Engineer	New York	June, 1883
Charles Simmons	Stoker	Netherl's	July, 1890
Oliver From	Driver	Norway	April, 1871
Theo. E. Bellaire	Lieutenant	Michigan	April, 1881
Frank McCormick	Pipeman	Michigan	May, 1891
James Byrne	Pipeman	Ireland	April, 1876
Charles Shook	Pipeman	Michigan	Dec., 1891
Chris. Denny	Reliefman	Canada	April, 1887

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ENGINE HOUSE NO. 6.

CORNER GRANDVILLE AND ELLSWORTH AVENUES.

The apparatus stationed at this house consists of one second-class piston engine, built by the La France Engine Company, of Elmira, N. Y. Has been in service six months. Weight, when ready for use, 8,100 pounds. Capacity, 800 gallons per minute.

Is attended by one four-wheeled hose wagon, built by Charles E. Belknap of this city. Has been in use seven years and two months. Weight, when ready for use, 2,850 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Luke Kerwin	Captain.	New York	Oct., 1880
Alex. Miller	Lieutenant	Michigan	April, 1881
Wm. Young	Engineer	N. Jersey	Oct., 1885
Charles Wheeler	Stoker	Michigan	July, 1890
Mike Curtis	Driver	Michigan	May, 1890
John Kerwin	Driver	New York	Oct., 1884
Thomas Donahue	Pipeman	New York	July, 1887
Mike Fitzpatrick	Pipeman	Michigan	July, 1887
William Croll	Pipeman	New York	Dec., 1890

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ENGINE HOUSE NO. 7.

The apparatus stationed at this house consists of one four-wheeled hose carriage built by the Fire Extinguisher Manufacturing Company, of Chicago, Ill. Has been in service nine years. Weight, when ready for use, 3,800 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Richard Roberts	Captain	New York	June, 1880
William Spencer	Pipeman	New York	May, 1890
Samuel Pomeroy	Pipeman	Illinois	Dec., 1891
William Bremer	Driver	Michigan	Dec., 1891

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ENGINE HOUSE NO. 8.

CORNER JEFFERSON AND VETO STREETS.

The apparatus stationed at this house consists of one second-class piston engine built by the La France Engine Company of Elmira, N. Y. Has been in service three years and two months. Weight, when ready for use, 8,300 pounds. Capacity, 800 gallons per minute.

Is attended by one four-wheeled hose wagon, built by the Colby Wagon Company of this city. Has been in service four years and four months. Weight, when ready for use, 3,000 pounds.

NAME	RANK	NATIVITY	ENTERED SERVICE
W. B. Fitzpatrick	Captain	Michigan	Nov., 1881
Joseph Brown	Lieutenant	Michigan	Aug, 1890
John Sommer	Engineer	Bohemia	June, 1888
S. A. Barker	Driver	Michigan	Nov., 1890
John Renihan	Pipeman	New York	Dec, 1885
W. T. Hauk	Stoker	Ohio	June, 1884
Geo. D. McCaul	Pipeman	Michigan	Dec., 1856
Wm. Delaney	Driver	Michigan	Dec., 1892
Wm. Apted	Driver	Michigan	Sept., 1892

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ENGINE HOUSE NO. 9.

CORNER WEST LEONARD AND QUARRY STREETS

The apparatus stationed at this house consists of one four-wheeled hose carriage built by the Caswell Fire Department Supply Manufacturing Company. Has been in service twelve and one-half years. Weight, when fully equipped, 4,025 pounds. Is drawn by two horses.

NAME	RANK	NATIVITY	ENTERED SERVICE
Frank Van Steenburg....	Captain.....	New York	.....May, 1881
Litus Van Haistema.... .	Lieutenant.....	Michigan.	....April, 1890
Charles Condon.....	Pipeman.....	Michigan.	.....Jan., 1892
Hugh Kennedy.....	Driver.....	Canada...	.....April, 1892

There is in reserve one old style hook and ladder truck equipped with 300 feet of ladders. Rebuilt by the full time members of the Department. So arranged as to carry two ladders side by side, the ladders being cut down to a uniform width of twenty-two inches inside. Has been in service twelve and a half years. Weight, when ready for use, 4,200 pounds. Is drawn by two horses.

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INVENTORY OF REALTY.

No. 1 Engine House and lot	$10,685 62
No. 2 Engine House and lot	8,282 08
No. 3 Engine House and lot	12,690 00
No. 4 Engine House and lot	12,991 12
No. 5 Engine House and lot	9,385 15
No. 6 Engine House and lot	6,981 05
No. 7 Engine House and lot	8,400 00
No. 8 Engine House and lot	7,176 00
No. 9 Engine House and lot	8,896 10
	$85,487 12

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INVENTORY OF STOCK AND SUPPLIES.

No. 1 House.

Chemical engine, hose, cart, hook and ladder and equipment thereto	$ 5,557 42
Horses and barn equipment and supplies	1,851 92
Tower	78 95
Office furniture and supplies	53 25
Cellar and washroom	469 80
Parlor furniture	223 00
Sleeping room	428 25
Bath room	24 00
Supplies on hand in store room	294 73
Total	$ 8,981 35

No. 2 House.

Apparatus, horses and equipments	$ 5,788 23
Office, parlor and bedroom furniture and supplies	420 25
Sundry supplies	139 40
Total	$ 6,347 88

No. 3 House.

Apparatus, horses and equipment	$11,267 90
Sundry supplies	455 13
Beds and bedding	345 95
Total	$12,068 98

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No. 4 House.

Apparatus, horses and equipment	$ 7,410 12
Office, parlor and bed room furniture	468 40
Fire Marshal's office	113 35
Superintendent Fire Alarm's office	33 00
Sundry supplies	959 63
Total	$ 8,984 50

No. 5 House.

Apparatus, horses and equipment	$ 6,808 28
Office, parlor and bed room furniture	615 50
Total	$ 7,423 78

No. 6 House.

Apparatus, horses and equipment	$ 5,999 44
Office, parlor and bed room furniture	397 05
Total	$ 6,396 49

No. 7 House.

Apparatus, horses and equipment	$ 2,600 00
Office and bed room furniture	350 00
Total	$ 2,950 00

No. 8 House.

Apparatus, horses and equipment	$ 6,926 03
Office, parlor and bed room furniture	490 09
Total	$ 7,416 12

No. 9 House.

Apparatus, horses and equipment	$ 2,600 00
Office and bed room furniture	350 00
Total	$ 2,950 00

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RECAPITULATION.

INVENTORY OF REALTY.

No. 1 Engine House and lot	$10,685 62
No. 2 Engine House and lot	8,282 08
No. 3 Engine House and lot	12,690 00
No. 4 Engine House and lot	12,991 12
No. 5 Engine House and lot	9,385 15
No. 6 Engine House and lot	6,981 05
No. 7 Engine House and lot	8,400 00
No. 8 Engine House and lot	7,176 00
No. 9 Engine House and lot	8,896 10
Total	$85,487 12

INVENTORY OF APPARATUS, STOCK AND SUPPLIES.

No. 1 Engine House	$ 8,981 35
No. 2 Engine House	6,347 88
No. 3 Engine House	12,068 98
No. 4 Engine House	8,984 50
No. 5 Engine House	7,423 78
No. 6 Engine House	6,396 49
No. 7 Engine House	2,950 00
No. 8 Engine House	7,416 12
No. 9 Engine House	2,950 00
	$ 63,519 10
Inventory of Fire Alarm Department	22,876 35
Total	$171,882 57

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VIOLATIONS OF FIRE ORDINANCE.

Report made by Fire Department Inspectors for the year ending April 30, 1893:

Stoves without zinc underneath	52
Without covers to stovepipe holes	40
Ashes in wooden vessels	63
Without stationery ladders to scuttle holes	9
Stovepipes not properly wired	40
Dangerous and badly worn stovepipes	9
Gasoline improperly stored	7
Dirty and unsafe basement	51
Gas brackets too near woodwork	8
Naphtha improperly stored	7
Defective and unsafe stoves	13
Improper storage of straw and other inflammable material in rear of blocks and buildings	108
Defective chimneys	11

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ORIGIN OF FIRES

OCCURRING DURING THE YEAR.

Ash pile	3
Ashes in boxes, baskets, etc	4
Barrel of asphaltum	1
Careless handling of varnish	1
Careless handling of gasoline and kerosene	4
Carpets, clothing, etc., too near stovepipe	4
Chemical explosion	1
Children playing with matches	4
Chimneys burning out	26
Cigar stubs	3
Debris of former fires	8
Defective flues	16
Defective grate	1
Defective smoke stacks	2
Electric wires	5
Escaping gas	3
False alarms	23
Fire crackers	6
Friction of pulley	1
Gas jet too near wood work	4
Gas stove too near wood work	1
Gasoline stoves	24
Grease boiling over	1
Incendiary	4
Lamp explosions	5
None given	2
Oil rags	2

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Oil heater, explosion of	2
Over heated fire box	1
Over heated smoke stack	2
Over heated stove pipe	1
Over turned lamp	4
Over turned oil stove	4
Shoddy picker	3
Sparks from stove	9
Sparks from chimney	1
Sparks from furnace	5
Sparks from ash pan	1
Sparks from fire engine	2
Sparks from locomotive	4
Sparks from smoke stack	6
Sparks from forge	1
Sparks from cupola	1
Sparks from smoke house	1
Spontaneous combustion	4
Stepping on matches	1
Stove too near wood work	1
Supposed incendiary	14
Tinsmith's fire pot	1
Unknown	52
Vapor igniting from lamp	1
Wool picker	1
Total	282

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THE FOLLOWING TABLES GIVE A COMPLETE REPORT OF EACH FIRE DURING THE YEAR.

REPORTS OF FIRES BEING CORRECTED TO ADJUST LOSSES AS NEAR AS ATTAINABLE.

Date.	Time.	No. Box.	Location.	Name of Occupant.	Name of Owner.	Occupied as	Class of Building.	Cause of Fire.	Loss.	Insurance.	Value.
1892											
May 5	9 30pm	313	219 Sheldon	Wm. Winegar	Wm. Winegar	Dwelling	Frame.	Defective grate	$ 50 00	$ 2,500 00	$ 5,500 00
May 5	2 20am	121	23 Mill st., rear	Felt Boot Factory	Mrs. J. C. Herkner	Factory	Brick	Unknown	150 00		250 00
May 9	4 56pm	312	S. Div. & Oakes	Wm. Winegar	Wm. Winegar	Furnit're store	Brick	Sparks from furnace	900 00	21,000 00	30,000 00
May 10	8 02am	34	289 S. Ionia	P. Reynolds	P. Reynolds	Dwelling	Frame.	Overheated stove pipe	200 00	1,600 00	3,300 00
May 15	9 00am	315	False alarm								
May 16	1 00am	531	146 Jackson	Mary Giesgusski	Mary Giesgusski	Dwelling	Frame.	Unknown	400 00	700 00	1,200 00
May 16	2 56am	531	146 Jackson	Mary Giesgusski	Mary Giesgusski	Dwelling	Frame.	Debris of 1 a. m. fire			
May 17	3 30pm	622	187-189 Broadw'y	J. Franksrother	Frank Secord	Tenement	Brick	Unknown	110 00	3,900 00	7,200 00
May 18	8 15pm	142	565 Ottawa	Mary Smith, others	John McNierier	Dwelling	Frame.	Carless hdl'g of keros'n	75 00	600 00	1,200 00
May 20	8 20pm	621	Sixth & Davis	G. R. Mattress Co	G. R. Mattress Co	Factory	Frame.	Wool picker	75 00	4,500 00	10,000 00
May 20	8 55pm	Still	16 Mill st	Felt Boot Co	Mrs. J. C. Herkner	Picker room	Brick	Shoddy picker	125 00		350 00
May 23	7 20am	Still	16 Mill st	Felt Boot Co	Mrs. J. C. Herkner	Picker room	Brick	Shoddy picker	60 00		350 00
May 23	8 55pm	154	24 Hanover court	Charles Gill	Charles Gill	Dwelling	Frame.	Unknown	850 00	900 00	900 00
May 24	8 45pm	452	402 Fountain	J. A. Smith	J. A. Smith	Dwelling	Brick	Unknown	40 00	600 00	1,200 00
May 28	11 30pm	Still	Ottawa & Louis	Telephone Ex., othrs	D. A. Blodgett	Commercial	Brick	Electric wire	100 00	225,000 00	350,000 00
May 30	7 30am	514	64-66 W Bridge	E. Simonds, others	J. E. Eickelsdorfer	Commercial	Brick	Gasoline stove explos'n		6,500 00	10,600 00
May 30	5 05am	313	175-177 Waterloo	M. Helpley, others	M. Helpley, others	Dwelling	Frame.	Sparks from stove	300 00	300 00	1,000 00
May 31	8 37am	Still	W. B'dge & Fr'nt	Wolf & Co, others	— Ball	Commercial	Brick	Defective flue	174 50	14,500 00	22,500 00
May 31	9 15am	Still	Canal & Coldbr'k		Hoskins & Maunder	Barrels	Wood	Spontaneous combust'n	30 00		30 00
May 31	8 50pm	542	418 Second	Salvation Army	J. B. Richards	Barracks	Frame.	Gasoline stove explos'n		300 00	750 00
June 3	5 20pm	54	193 Stocking	Crown Match Co	S. P. DeVries		Frame.	Stepping on match	85 00	1,000 00	3,000 00
June 3	8 20am	Sti l	181 Ninth av					Chimney burning out			
June 5	9 12am	53	False alarm								
June 6	9 51am	Still	54 Ransom st	Mrs. Mary Dean, oths	Mrs. Mary Dean	Dwelling	Frame.	Gasoline stove	25 00	500 00	4,500 00
June 8	9 00am	Still	60 E. Bridge	Kusterer Brew'g Co.	Kusterer Brew. Co.	Brewery	Brick	Vapor ignit'g from lamp	15 00	40,000 00	65,000 00
June 9	11 55pm	26	606 Wealthy av	Katz Bros.	Katz Bros	Smoke house	Frame.	Spark from stove	20 00		50 00
June 11	7 20pm	Still	341 Fulton	John E. More	John E. Moore	Dwelling	Frame.	Sparks from ash pan	10 00	6,000 00	10,500 00
June 11	4 05pm	2	Arcade & Pearl	W.T. Powers, others	Wm. T. Powers	Opera House	Brick	Escaping gas	40 865 00	43,500 00	117,700 00
June 11	9 50pm	Still	Arcade & Pearl	W.T. Powers, others	Wm. T. Powers	Opera House	Brick	Debris of 4 05 fire			
June 14	11 20am	Still	80 Canal	F. W. Wurzburg	Henry Grinnell	Store	Brick	Cigar stub	9 85	34 500 00	55,000 00
June 15	9 56pm	153	63 Page	Lydia Singleton	Lydia Singleton	Dwelling	Frame.	Unknown	15 00	900 00	1,200 00

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Date.	Time.	No. Box.	Location.	Name of Occupant.	Name of Owner.	Occupied as	Class of Building.	Cause of Fire.	Loss.	Insurance.	Value.
June 17	5 52pm	72	Shawmut av	Unoccupied	J. W. Converse	Dwelling	Frame.	Unknown	10 00	500 00	1,200 00
June 18	9 15pm	253	Sheldon	Unoccupied	John Cornelius	Dwelling	Frame.	Supposed incendiary	1,000 00	800 00	2,000 00
June 18	10 40pm	Still	False alarm								
June 23	1 10pm	Still	Spring & Monroe	Morse & Co	Gilbert Estate	Store	Brick	Electric light wire	10 00	75 000 00	171.000 00
June 23	7 50pm	312	66 S. Division	Mrs.E.Davison, oths	Mrs. Mary Britt	Dwelling	Frame.	Gasoline stove	15 00	1,200 00	2,100 00
June 27	9 53am	253	496 Hall st	Mrs. Mary Kellar	Mrs. Mary Kellar	Dwelling	Frame.	Lamp explosion	375 00	500 00	700 00
July 4	12 31am	2	12-14 Arcade	F.W.Wurzburg,oths	E. H Lyon	Commercial	Brick	Fire crackers		15,000 00	39,500 00
July 4	8 31am	Still	160 N. Front	Fox Machine Co	Fox Machine Co	Factory	Brick	Fire crackers		5 500 00	24,000 00
July 4	9 30am	Still	300 S. Division	J. W. Reiner, others	W. M. Maris	Commercial	Brick	Fire crackers		1 500 00	3,700 00
July 4	2 20pm	123	103 Canal	H. Brown, others	J.Martin-SmithBros	Store	Brick	Fire crackers	76 59	11,000 00	14,600 00
July 4	1 40pm	313	321 S. Division	F. W. Smith, others	Fox & McKay	Commercial	Brick	Fire crackers	300 00	3,050 00	5,600 00
July 4	11 31pm	542	417 Second st	Fred Bauer	Mrs. Collins	Dwelling	Frame.	Fire crackers	25 00	1,200 00	1,500 00
July 5	4 58pm	55	Canal st	Geo. J. Quimby	Geo. J. Quimby	Dry Kiln	Frame.	Unknown	150 00	1,100 00	1,700 00
July 6	8 00pm	71	90 W. Fulton	E. M. Moore, others	John T. Strahan	Commercial	Brick	Gasoline stove	25 00	14 000 00	21,000 00
July 8	7 55pm	Still	Barclay pl	E. A. Cotton	Mrs Dickinson	Dwelling	Frame.	Unknown	13 00	1,300 00	2,900 00
July 10	3 40pm	2	43 Pearl	W.T. Powers, others	W. T. Powers	Stores	Brick	Chemical explosion	5 00	104 000 00	135,000 00
July 11	3 30pm	312	False alarm								
July 15	4 33pm	2	Pearl & Monroe	Tower Cloth'gCo,oth	O. A. O'Hara	Commercial	Brick	Unknown	105 00	150,000 00	176,500 00
July 15	5 13pm	Still	Pearl st. bridge	City	City	Bridge	I'n, w'd	Spark from fire engine			
July 16	2 13pm	142	W'lbr'ge &Ot'wa	Unoccupied	C. A. Calkins	Shed	Frame.	Unknown	20 00		20 00
July 16	7 15pm	Still	False alarm								
July 16	7 00pm	612	Br'dway & Ninth	G.R. School Furn.Co	G.R.School Furn. Co	Factory	Frame.	Spark from furnace		50,000 00	90,000 00
July 16	7 45pm	532	151 Chatham	J. A. Lozenski	J. A. Lozenski	Dwelling	Frame.	Over-turning lamp	10 00	500 00	1,000 00
July 16	12 08am	451	Lyon& Hous'm'n	J. L. Purches	J. L. Purches	Store	Frame.	Supposed incendiary	567 00	800 00	1,100 00
July 16	7 55pm	41	235½ Crescent av	B. W. Griffin	L. A. Ward	Dwelling	Frame.	Defective flue	95 00	900 00	1,300 00
July 19	6 20pm	Still	False alarm								
July 19	8 07pm	723	326 Straight	George Mills	George Mills	Dwelling	Frame.	Gasoline stove		500 00	2,300 00
July 22	4 43pm	Still	50 Scribner	George Johnson	Danish Society	Beer hall	Brick	Tinsmith's fire-pot	5 00	2,900 00	4,100 00
July 22	2 48pm	21	144 Island	Mrs. M. L. Drew,oth	J. Barth Estate	Dwelling	Frame.	Baby play'g with m'tchs	22 30	3,000 00	4 300 00
July 24	7 35pm	Still	Ottawa & Louis.	Phœnix FurnCo,oth	D. A. Blodgett	Commercial	Brick	Spontaneous combust'n	20 00	203,000 00	285,000 00
July 25	12 13pm	434	Outside city								
July 27	3 05pm	Still	Fulton st. bridge	City	City	Bridge	I'n, w'd	Cigar stub	5 00		
July 30	6 15am	234	S.Div.& Pleas'nt		Oscar Richardson	Lumber yard	Lumb r	Unknown	600 00		4,500 00
July 31	1 15pm	343	195 Fourth av	M. Mackie	Household S. M. Co.	Dwelling	Frame.	Sparks from locomotive	185 00	300 00	900 00
Aug. 4	11 53am	262	387 East st	John Prieson	John Prieson	Dwelling	Frame.	Gasoline stove explos'n	15 00	800 00	1,100 00
Aug. 4	10 38am	Still	Outside city								
Aug. 7	5 35am	7	Fout'n & Ott'wa	J. H. Peck, others	Dr. Shepard	Commercial	Brick	Gas stove too n'r w'dw'k	10 00	43,000 00	75,000 00

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Aug. 11	9 30am	542	Valley av.	H. S. Touer	H. S. Touer	Dwelling	Frame.	Unknown	1,000 00	1.200 00	2,200 00
Aug. 12	7 57am	2	18 Pearl	G.R.Herald-Eng.Co.	Enos Putnam	Printing Office	Brick	Sparks from furnace	10 00	13,000 00	22,000 00
Aug 12	1 29am	714	S. Front	G. R. Stave Co., oths	G. R. Stave Co	Cooper shop	Frame.	Unknown	3,575 00	3,850 00	6,175 00
Aug. 12	8 20pm	Still	Lyon st.			Telegraph pole	Wood	Electric light wire			
Aug. 12	8 55pm	72	False alarm								
Aug 13	7 27am	2	43-45 Pearl	Thos. Dixon, others	C. C. Rood Estate	Commercial	Brick	Gas jet too n'r wo'dwr'k	5 00	13,500 00	27,500 00
Aug. 14	4 50pm	23	230 S. Lafayette	Radcliff & Holt	J. Moseley	Barn	Frame.	Boys play'g w'th m'tchs	15 00	700 00	1,900 00
Aug. 14	5 32pm	Still	Fulton st. bridge	City	City	Bridge	I'n, w'd	Sparks from fire engine			
Aug. 14	4 31pm	71	Court & G.R. & I.	Ocker & Ford	Ocker & Ford	Planing mill	Brick	Unknown	25 00	13,000 00	21,000 00
Aug. 14	8 35am	434	False alarm								
Aug 15	1 11am	531	55 Gold	D. Werner, others	D. Werner, others	Dwelling	Frame.	Gasoline stove explos'n	375 00	1,600 00	2,300 00
Aug. 16	2 02pm	723	307 Gold	David Beebe	David Beebe	Dwelling	Frame.	Defective flue	300 00	1.200 00	2,300 00
Aug. 18	8 20pm	713	270 S. Front	H. J. Hartman	H. J. Hartman	Foundry	Frame.	Unknown	6,500 00	4,700 00	7,500 00
Aug. 18	1 22pm	Still	134 Fulton, rear	E. H. Porter	J. W. Converse		Frame.	Unknown	30 00		50 00
Aug. 19	8 25am	54	179 Stocking	Wm. Echternach	Wm Echternach	Dwelling	Frame.	Carel's handl'g of gaso'n	100 00	1,800 00	3,000 00
Aug. 22	10 46pm	253	90 Adams	Unoccupied	Gus Wilson	Dwelling	Frame.	Supposed incendiary	300 00	400 00	500 00
Aug. 23	7 15am	123	71 Canal	Western Beef Co	Western Beef Co	Meat market	Brick	Spark fr'm smoke-house	125 00	6.800 00	10,000 00
Aug. 23	1 06pm	512	33-35 W. Bridge	J. M. Wood, others	Thum Bros	Grocery	Brick	Spontaneous combust'n	400 00	6,500 00	9,500 00
Aug. 23	5 42pm	312	Cherry& G.R.&I.	G. R. & I. R. R	G. R. & I. R. R	Box cars	Frame.	Sparks from locomotive	150 00	1,500 00	3,000 00
Aug. 23	7 30am	451	Cent'n'l-Fount'n	A. Hosmer	D. W. Amberg	Dwelling	Frame.	Defective flue	500 00		500 00
Aug. 24	12 25am	363	10 Fair st., rear	Unoccupied	Frank Siebring	Dwelling	Frame.	Unknown	245 00	250 00	300 00
Aug. 24	6 20pm	134	119 Canal	Ira Scott	Ira Scott	Saloon	Brick	Electric light wire	5 00	4,500 00	6,000 00
Aug. 25	12 00 m	Still	28 Bartlett, rear	Unoccupied	Mrs. N. Allen	Dwelling	Frame.	Supposed incendiary	15 00	200 00	200 00
Aug. 27	11 37pm	7	46 Ottawa	A. E. Brooks	Kendall Estate	Store	Brick	Unknown	8,000 00	17,000 00	21,000 00
Aug 27	10 20am	Still	False alarm								
Aug 28	1 55am	Still						Debris			
Aug 29	4 02pm	363	Rose av	R. F. Kerr	R. F. Kerr	Dwelling	Frame.	Defective flue	150 00	900 00	1,000 00
Aug. 31	1 56am	34	52 McConnell	Unoccupied	T. J. O'Brien	Dwelling	Frame.	Sparks from locomotive	100 00		250 00
Sept. 9	1 15am	721	112 Jackson	Patrick O'Donnell	Patrick O'Donnell	Dwelling	Frame.	Unknown	400 00	1,100 00	1,700 00
Sept. 14	3 30pm	Still	282 Ottawa, rear	B. I. Pierce	B. I. Pierce	Barn	Frame.	Unknown	75 00	200 00	450 00
Sept. 14	3 15pm	123	102 Kent	Western Beef Co	E. W. Knapp	Barn	Brick	Boys play'g w'th matchs	87 00	700 00	1,500 00
Sept. 15	6 15am	7	False alarm								
Sept. 15	12 09pm	42	94 Clinton, rear	B. W. Waite	B. W. Waite	Barn	Frame.	Supposed incendiary			350 00
Sept. 15	12 25am	Still	Hilt'n r'rG'dville	C. & W. M. R. R	C. & W. M. R. R	Coal shed	Frame.	Unknown	100 00		400 00
Sept. 19	1 46pm	453	176 College av	Unoccupied	J. B. Beardsley	Dwelling	Frame.	Boys play'g w'th matchs		1,000 00	1,200 00
Sept. 21	12 23pm	Still	False alarm								
Sept. 21	11 55pm	323	Oakl'd-C.&W.M.	C. & W. M. R. R	C. & W. M. R. R	Way car	Frame.	Lamp over-turning	550 00	500 00	900 00

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Sept. 22	12 51pm	453	415 Lyon, rear	A. D. Fisher	L. Cronkhite	Barn	Frame.	Supposed incendiary	400 00	100 00	500 00
Sept. 22	8 56am	52	43 Fourth st	Mrs. G. M. Shaw	Mrs. G. M. Shaw	Dwelling	Frame.	Gasoline stove	150 00	700 00	1,600 00
Sept. 23	12 13pm	42	128 Clinton	George Middleton	George Middleton	Barn	Frame.	Incendiary	125 00		300 00
Sept. 23	12 51pm	42	64 Clinton	Guy Buck	John Crissman	Barn	Frame.	Incendiary	50 00		150 00
Sept. 23	3 40pm	10	95 Fountain	G. D. Brown.	G. D. Brown	Barn	Frame.	Incendiary	150 00	750 00	1,200 00
Sept. 24	6 59am	10	56 Bostwick	J. D. Lyon	Mrs. E. Wheeler	Dwelling	Frame.	Gas too near curtains	17 00	2,500 00	5,000 00
Sept. 25	1 00am	Still	Shawmut-Court.			Ash pile		Ash pile			
Sept 26	4 10am	31	52 S. Ionia	F. Whalen, others	J. D. Waldron	Barber shop	Frame.	Lamp exploding	2 00	800 00	1,450 00
Sept. 26	3 50pm	123	107 Kent	O. H. Shaw	Fuller Estate	Barn	Frame.	Unknown		4,500 00	12,000 00
Sept. 27	12 42pm	42	65 Coit av	George Thompson	George Thompson	Barn	Frame.	Incendiary	400 00	200 00	700 00
Sept. 28	1 00pm	Still	False alarm								
Sept. 29	9 43am	Still	Lyon & Ransom	J. & J. E. Haynes	E. J. Phallis	Dwelling	Stone.	Gasoline stove		2,700 00	4,100 00
Oct. 2	3 08pm	Still	College & Lyon	U. B. A. Home	U. B. A. Home	Hospital	Brick	Carpet near stove pipe		17,000 00	27,000 00
Oct. 2	1 40am	434	Emerald&Carew	Antone Radicka	Antone Radicka	Dwelling	Frame.	Unknown	600 00	1,100 00	900 00
Oct. 4	1 40am	5	Ottawa & Ferry.	Leonard Refrig'r Co	C. H. Leonard	Factory	Brick	Friction from pulley		66,500 00	100,000 00
Oct. 5	5 20pm	723	Shawm't-Strai't	G. R. Furniture Co.	G. R. Furniture Co.	Factory	Brick	None given		18,000 00	35,000 00
Oct. 5	6 50am	Still	37-39 Monroe	Jewett Bros., others	R. C. Luce	Commercial	Brick	Spark from furnace	5 00	16,000 00	46,000 00
Oct. 5	10 30am	Still	568 Wealthy	L. W. Mills	L. W. Mills	Dwelling	Frame.	Defective flue	115 00	3,500 00	5,800 00
Oct. 6	3 20pm	271	Fuller st	O. W. Hatch	O. W. Hatch	Dwelling	Frame.	Defective flue	800 00	900 00	1,100 00
Oct. 9	6 03pm	721	157 Straight	Wm. Nelson	Wm. Woodcide	Dwelling	Frame.	Unknown	35 00	600 00	1,500 00
Oct. 10	8 06am	343	Fourth av-Ionia	D. C. Simonds	D. C. Simonds	Dwelling	Frame.	Defective stove pipe	150 00	3,500 00	4,700 00
Oct. 11	7 55am	54	210 Fremont	John Lovers	John Lovers	Dwelling	Frame.	Oil heater exploding	5 00	800 00	1,000 00
Oct. 13	5 20pm	153	158 E. Leonard	Mary McDermot	Mrs. E. Adams	Dwelling	Frame.	Carl'ss hndl'g of gasol'n	30 00	400 00	1,000 00
Oct. 13	3 12pm	23	25-27 Cass av	Geo. Davis, others	Mrs. J. Marsden	Dwelling	Frame.	Gasoline stove explod'g	25 00	1,100 00	2,500 00
Oct. 15	7 02pm	514	137 W. Bridge	S. Anderson	Wm. Booth	Restaurant	Frame.	Unknown	115 40	1,500 00	2,500 00
Oct. 15	2 05pm	512	Bridge st. bridge	Ball Bros., others	W. T. Powers	Saloon	Brick	Gasoline stove explos'n		4 000 00	8,600 00
Oct. 15	5 50pm	512	W. Bridge-Front	P. Grubbinger, oths	Scribner Bros	Commercial	Brick	Unknown	5 00	9,200 00	14,100 00
Oct. 17	9 58pm	613	152-170 N. Front	Haney Sch'l Furn Co	Haney Sch'l FurnCo	Factory	Frame.	Spark from furnace		23,000 00	35,000 00
Oct. 17	8 58pm	Still	800 Canal	Unoccupied	Lettellier & White	Office	Frame.	Supposed incendiary	50 00		200 00
Oct. 20	12 19pm	67	North-G. R. & I.	Wm. Harrison	Wm. Harrison	Wagon works	Brick	Spark from chimney		125,000 00	205,000 00
Oct. 21	1 35pm	Still	Canal st	Unoccupied	G. R. Chair Co, oths	Factory	Frame.	Supposed incendiary	100 00	3,000 00	5,100 00
Oct. 21	1 25pm	Still	False alarm								
Oct. 22	7 45pm	512	64 W. Bridge	Henry Hescher. oths	H. Eickelstemfer	Saloon	Brick	Gasoline stove explos'n	10 00	6,200 00	10,500 00
Oct. 24	10 15pm	241	297 Cherry	Dr. P. Schurtz	Dr. P. Schurtz	Barn	Frame.	Unknown	9 00 00	1 000 00	2,100 00
Oct. 24	1 20am	Still	False alarm								
Oct 26	1 30am	181	268 Quimby	Unoccupied	Mrs. J. Beckwith	Dwelling	Frame.	Supposed incendiary	200 00		300 00
Oct 29	7 10pm	134	129 Canal	Visner & Giesink	Jno. Mohrhardt Est	Bakery	Brick	Gasoline stove explos'n	2 00	3 200 00	5.000 00

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Oct. 29	1 53pm	123	Lyon & Kent	A. L. Livingston	L. J. Dunton	Hotel	Brick	Ashes in box	334 00	8,500 00	16,000 00
Oct. 30	9 42pm	123	False alarm								
Oct. 31	4 05am	Still	174 N. Ionia	W. C. Beckwith	W. C. Beckwith	Out house	Frame.	Ashes in basket	5 00		25 00
Nov. 1	2 25am	315	26 Ellsworth av.	Wm. Dean	George Davis	Barn	Frame.	Supposed incendiary	125 00		700 00
Nov. 2	12 51pm	714	S. Front & Earl.	G. R. Manufac'g Co.	G. R. Mnfg Co.	Factory	Brick	Spark from chimney		14,500 00	24,000 00
Nov. 3	6 55am	123	46 Canal	A. Lehmeyer	Dugo Estate	Shoe store	Brick	Unknown	1,600 00	15,000 00	24,000 00
Nov. 3	7 37am	Still	58 Waterloo	E. Whalen	E. Whalen	Dwelling	Frame.	Defective flue	10 00	500 00	1.100 00
Nov. 4	5 00am	123	46 Canal	A. Lehmeyer	Dugo Estate	Shoe store	Brick	Spark from former fire	25 00	15,000 00	24,000 00
Nov. 4	7 35pm	Still	Huron st	Brooks & Hines	Mrs. Mary Lowe	Boiler shop	Brick	Unknown	5 00		3,300 00
Nov. 5	3 15am	72	137-139 W. Fult'n	George Collins	Mrs. Carpenter	Commercial	Frame.	Supposed incendiary	125 00	1,500 00	2,800 00
Nov. 5	4 00pm	67	North-G. R. & I.	Wm. Harrison	Wm. Harrison	Wagon shop	Brick	Spark from locomotive	2,000 00	120,000 00	150,000 00
Nov. 7	9 10pm	72	101 W. Fulton	Mike Krunski	Mike Krumski	Dwelling	Frame.	Spark from stove	75 00	1.100 00	1,500 00
Nov 8	1 58am	723	Wats'n-Straight	J. Rebentisch.	J. Rebentisch	Store	Frame.	Grease boiling over	20 00	1,500 00	2,400 00
Nov. 8	7 45pm	145	Canal st	Michigan Barrel Co.	Mich. Barrel Co.	Lumber yard	Lumb r	Unknown	10,000 00	31.000 00	70,000 00
Nov. 9	9 15am	Still	47-49 Lyon	Eagle Printing Co.	A. B. Turner	Printi'g House	Brick	Oil rags		17,000 00	28,000 00
Nov. 10	8 10pm	15	Canal st	Michigan Barrel Co.	Mich. Barrel Co.	Lumber yard	Lumb r	Unknown	150 00	30,000 00	70,000 00
Nov. 11	1 00pm	Still	Chimney burni'g								
Nov. 11	2 33pm	31	8-10 S. Ionia	Emma Selignis, oths	F. J. Bonnell		Brick	Ashes in box	5 00	9,700 00	15,000 00
Nov. 11	5 15pm	26	31 Central av	John Ransbly	John Ransbly	Dwelling	Frame.	Defective flue	250 00	1,100 00	1,400 00
Nov. 11	11 20pm	61	377 Hamilton	Unoccupied	John Leland	Dwelling	Frame.	Supposed incendiary	200 00		300 00
Nov. 12	11 50am	65	672 N. Front	Kent Furniture Co.	Kent Furniture Co.	Engine room		Sparks from forge	20 00	3,100 00	7.000 00
Nov. 14	7 54am	154	127 Quimby	Unoccupied	John Thompson	Dwelling	Frame.	Supposed incendiary	10 00	300 00	500 00
Nov. 16	1 20am	724	296 Watson	Archer Neal	Archer Neal	Dwelling	Frame.	Sparks from stove	111 00	800 00	1,250 00
Nov. 16	9 52pm	Still	46 S. Division	Mary McKee, others	J. E. Peck	Board'g house	Brick	Lamp overturned	5 00	10,000 00	40,000 00
Nov. 17	9 36pm	16	Canal st	Unoccupied	Robinson, Letl'r & Co	Blksmith shop	Frame.	Supposed incendiary			100 00
Nov. 19	10 40am	234	375 Jefferson av.	Jacob House	Jacob House	Dwelling	Frame.	Spark from stove	148 00	260 00	400 00
Nov. 19	7 15am	121	23 Mill st	Felt Boot Co	Mrs. Preusser	Factory	Brick	Over-heatd sm'ke stack		28,000 00	46,000 00
Nov. 22	9 30am	421	151 Clancy	Wm. Brennan	Wm. Frost	Dwelling	Frame.	Defective flue	100 00	400 00	1,100 00
Nov. 22	12 47am	314	Wealthy-S. Ionia	Folding Table Co.	Folding Table Co.	Factory	Frame.	Unknown	46,000 00	24,600 00	70,000 00
Nov. 23	8 04pm	121	Mill & Huron sts	Brooks, Himes, oths	Mrs. Mary Lowe	Foundry	Frame.	Sparks from cupola	25 00	2,200 00	4.300 00
Nov. 23	8 00am	2	Chimney burni'g								
Nov. 24	4 27am	Still	Mill & Huron sts	Brooks, Himes, oths	Mrs. Mary Lowe	Foundry	Frame.	From previous fire	10 00	2,200 00	4,300 00
Nov. 25	12 35pm	Still	Chimney burni'g								
Nov. 26	5 30pm	43	False alarm								
Nov. 28	1 15am	34	Second-C.&W.M	C. & W. M. R. R.	C. & W. M. R. R.	Round house	Brick	Unknown	100 00	3,800 00	11,500 00
Dec. 1	10 30am	Still	False alarm					Lamp exploded		1.800 00	2,700 00
Dec. 2	7 50pm	52	12 Turner	Mrs. Mary Goetz	John Popinski	Dwelling	Frame.				

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Date.	Time.	No. Box.	Location.	Name of Occupant.	Name of Owner.	Occupied as	Class of Building.	Cause of Fire.	Loss.	Insurance.	Value.
Dec. 5	8 40pm	Still	Chimney burni'g								
Dec. 5	6 37pm	131	False alarm								
Dec. 6	7 05am	512	Bridge-Scribner	Dr. M. Cool, others	Leonard Covill	Commercial	Brick	Gasoline stove explos'n		5,200 00	9,000 00
Dec. 6	12 00 m	Still	Chimney burni'g								
Dec. 7	12 34pm	613	Chimney burni'g								
Dec. 13	3 15pm	723	320 Butterworth	Tim Clark	J. B. Keefe	Dwelling	Frame.	Spontaneous combust'n	60 00	500 00	1,300 00
Dec. 18	4 55pm	Still	208 N. Division					Chimney burning out			
Dec. 18	6 30pm	343	Chimney burni'g								
Dec. 18	7 48am	253	812 Madison av					Chimney burning out			
Dec. 20	2 16pm	42	23 Clinton	B. W. Allen	B. W. Allen	Dwelling	Frame.	Unknown	112 00	4,000 00	5,000 00
Dec. 19	11 02am	32	Goofrey av	McCord & Bradfield	McCord & Bradfield	Factory	L'e k ln	Spark from smokestack	250 00	2,500 00	6,300 00
Dec. 23	1 20am	5	66 Waterloo	Mauler & Murphy	Ned Howe	Saloon	Frame.	Spark from stove	5 00	1,000 00	1,500 00
Dec. 25	11 49am	Still	100 Ellsworth av	Mrs. S. J. Hall	Mrs. S. J. Hall	Barn	Frame.	Ashes in basket	20 00	40 00	120 00
Dec. 27	12 02am	21	State-Jefferson					Chimney burning out			
Dec. 29	9 08pm	Still	Shawmut-Court					Ash pile			
Dec. 30	8 05am	Still	140 Ottawa	C A. Kusterer, Jr.	Mrs. C. A. Kusterer	Saloon	Frame.	Gas jet	10 00	1,100 00	1,600 00
Jan. 1	9 10pm	123	71 Canal	Western Beef Co.	Enos Putman	Meat market	Brick	Overheated brick flue	425 00	6,800 00	12,000 00
Jan. 1	9 50am	421	242 Clancy	Frank Hodge	Frank Hodge	Dwelling	Frame.	Stove too near wood w'k	25 00	600 00	1,400 00
Jan. 8	3 50am	361	Ionia & Stevens	Charles Stevens	Charles Stevens	Dwelling	Frame.	Supposed incendiary	700 00	1,000 00	2,000 00
Jan. 8	10 35pm	Still	Chimney burni'g								
Jan. 8	2 34pm	35	Chimney burni'g								
Jan. 9	5 44am	451	Lyon & Langdon	Frank Walten	Frank Walten	Dwelling	Frame.	Gasoline stove explosion	69 95	1,050 00	2,400 00
Jan. 9	8 40pm	153	134 Plainfield av.	Dr. A. J. Patterson	Dr. A. J. Patterson	Dwelling	Frame.	Gasoline stove explosion	5 00	1,500 00	4,300 00
Jan. 9	2 34am	43	418 E. Bridge	E. C. Drew	E. C. Drew	Dwelling	Frame.	Lamp explosion	500 00	700 00	10,000 00
Jan. 10	8 15pm	Still	False alarm								
Jan. 10	8 15pm	Still	64 State	J. C. Herkner	J. C. Herkner	Dwelling	Frame.	None given	5 00	5,000 00	7,000 00
Jan. 11	1 40am	514	101 W. Bridge	M. Dykema	M. Dykema	Feed store	Frame.	Unknown	1,400 00	1,100 00	1,800 00
Jan. 12	10 11am	Still	101 W. Bridge	M. Dykema	M. Dykema	Feed store	Frame.	Debris of former fire			
Jan. 14	1 34am	351	379 Grandville av	I. H. DeNierd	I. H. DeNierd	Feed store	Frame.	Unknown	450 00	700 00	1,300 00
Jan. 15	3 20am	Still	10 Lyon					False alarm			
Jan. 16	8 22am	2	10 Arcade	W. Anderson, others	George Edison	Commercial	Brick	Cigar stub	13 00	18,000 00	33,500 00
Jan. 18	7 20pm	434	Chimney burni'g								
Jan. 20	7 55pm	Still	Ottawa-G.R. & I.	Leonard Bros	Leonard Bros	Factory	Brick	Over-heated fire box	50 00	90,000 00	175,000 00
Jan. 21	2 36pm	343	556 S. Division	Mrs. Lucy Holcomb	E. M. Jamieson	Dwelling	Frame.	Clothing too near stove	250 00	700 00	1,100 00
Jan. 21	6 38pm	343	556 S. Division	Mrs. Lucy Holcomb	E. M. Jamieson	Dwelling	Frame.	S'ks from fire of 2 36 p. m.	20 00	700 00	1,100 00
Jan. 22	8 25am	312	Island & S. Div.	Boss, Norton, others	McMullen Estate	Commercial	Brick	Unknown	8,800 00	70,000 00	107,500 00
Jan. 23	8 00pm	Still	65 Park st	B. F. McReynolds	Christian Bertsch	Dwelling	Brick	Lamp shade	5 00	1,000 00	8,000 00

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Date.	Time.	No. Box.	Location.	Name of Occupant.	Name of Owner.	Ocupied as	Class of Building.	Cause of Fire.	Loss.	Insurance.	Value.
Jan. 24	8 08pm	153	138 Coldbrook	James White	James White	Dwelling	Frame.	Unknown	350 00	1,300 00	1,800 00
Jan. 27	9 01pm	Still	251 Lafayette	F. Jennings	F. Jennings	Dwelling	Frame.	Overturning oil stove	27 00	1,000 00	3,500 00
Jan. 28	2 45am	71	W.Fult'n-Sum'r	Phœnix Furn. Co	Phœnix Furn. Co	Tool house	Frame.	Unknown			125 00
Jan. 28	2 21pm	Still	540 S. Lafayette.	J. R. Robbins	J. R. Robbins	Dwelling	Frame.	Quilt too near stove	75 00	2,800 00	5 500 00
Jan. 29	8 00pm	43	287 College av	Andrew Raynes	Andrew Raynes	Dwelling	Frame.	Defective flue	150 00	700 00	1,000 00
Jan. 30	10 49am	72	189 Gold	J. B. Pike	Luke Kimm	Dwelling	Frame.	Gasoline stove explosion	200 00	900 00	1,300 00
Jan. 31	2 24pm	312	139-141 S. Divis'n	V.C.Wire BedCo,oth	Sanford Frost	Commercial	Brick	Sparks from stove		8,100 00	10,800 00
Feb. 2	7 55am	7	112 N. Ionia					Chimney burning out			
Feb. 2	7 44pm	573	Front & Pearl	M. Doherty	W. T. Powers	Saloon	Brick	Lamp exploded		3,100 00	4,700 00
Feb. 4	9 48am	515	115 Summer	F. R. Theis	J. I. Elliott	Barn	Frame.	Unknown	125 00	300 00	450 00
Feb. 5	4 03pm	2	28-30 Pearl	Peter Reid, others	E. D. Pike	Commercial	Brick	Electric light wire		52,000 00	105,000 00
Feb. 7	10 21am	Still	False alarm								
Feb. 2	10 16am	532	341 W. Bridge					Chimney burning out			
Feb. 8	9 00am	343	468 S. Division	M. Moorehouse	T. Stover	Feed store	Frame.	Defective stove pipe	5 00	2,100 00	4,300 00
Feb. 11	4 15am	14	Newberry-Canal	W. J. Ryan	W. J. Ryan	Factory	Frame.	Defective flue	25 00	2,900 00	3,500 00
Feb. 12	1 35am	Still	Ottawa-G.R. & I.	Leonard Refrig'r Co	Leonard Bros	Factory	Brick	Unknown	5 00	95,000 00	135,000 00
Feb. 13	5 33am	Still	False alarm								
Feb. 5	4 15am	23	Morrison av	Charles Morgan	Charles Morgan	Dwelling	Frame.	Unknown	700 00	700 00	1,100 00
Feb 18	1 35pm	162	Chimney burni'g								
Feb. 17	8 25pm	313	195 S. Division	Mrs. Walker, others	Ed. Hanchett	Store	Brick	Oil stove	643 00	3,000 00	5,200 00
Feb. 18	6 41pm	362	772 S. Division	Wm. Alger	Thomas Seabring	Store	Frame.	Spark from chimney	15 00	1,600 00	2,200 00
Feb. 19	12 15pm	312	Sheldon-Cherry.	G. K. Johnson	G. K. Johnson	Dwelling	Brick	Unknown	25 00	5,000 00	7,000 00
Feb 20	7 45pm	343	457 S. Division	F. E. Cross	G. W. Carpenter	Store	Frame.	Defective stove pipe		1,100 00	1,600 00
Feb. 28	10 53am	721	Chimney burni'g								
Feb. 28	10 55am	513	Cnimney burni'g								
Feb. 28	8 14pm	31	Island & S. Div.	McMullen est., oth.	McMullen Estate	Boiler room	Brick	Unknown	250 00	400 00	1,050 00
Mar. 3	6 34pm	21	22 Jefferson av	Mrs. E. B. Risden	R. C. Luce	Dwelling	Frame.	Unknown	15 00	1,500 00	4,500 00
Mar. 5	12 02pm	Still	17 Williams	Wm. MacManing	Wm. McManing	Dwelling	Frame.	Careless hand'g gas'line	30 00	200 00	600 00
Mar. 6	6 46am	723	188-190 Buterw'h	G. R. Furniture Co.	G. R. Furniture Co.	Factory	Brick	Oil rags		30,000 00	58,000 00
Mar. 7	3 40am	42	403 Lafayette	Wm. Whitefoot	Wm. Whitefoot	Dwelling	Frame.	Spark from stove	600 00	500 00	900 00
Mar. 7	4 03pm	631	618 Williams	Charles Rathbun	Charles Rathbun	Dwelling	Frame.	Unknown	450 00	800 00	1,100 00
Mar. 11	5 10am	514	31 W. Bridge	J. F. Ochampaugh	Wm. Jenks	Restaurant	Brick	Gas jet	25 00	2 200 00	2,700 00
Mar. 11	6 15pm	43	E. Bridge	J. D. Vrieling	J. Vrieling	Dwelling	Frame	Gasoline stove	50 00	1,400 00	3,200 00
Mar. 12	7 44am	23	41 Cass av	David Little	George A. Day	Dwelling	Frame.	Gasoline stove	150 00	150 00	450 00
Mar. 15	9 25pm	Still	Taylor-Coldbr'k	Waddell Mfg. Co	Waddell Mnfg Co	Factory	Frame.	Unknown	5,600 00	5,200 00	10,800 00
Mar. 17	3 50pm	Still	Oakes & Sheld'n	Dr. G. K. Johnson	Dr. G. K. Johnson	Dwelling	Brick	Rags too near stove pipe		4,500 00	7,000 00
Mar. 20	9 44am	512	S. Front	Am. Carving Co., oth	W. T. Powers	Factory	Frame.	Defective smoke stack	10 00	3,800 00	7,000 00

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Date.	Time.	No. Box.	Location.	Name of Occupant	Name of Owner.	Occupied as.	Class of Building.	Cause of Fire.	Loss	Insurance.	Value.
Mar 21	5 40pm	Still	5 W. Leonard...	Jno. Giddings, othrs	John Giddings	Dwelling	Frame.	Gasoline stove explodi'g	.....	500 00	700 00
Mar. 21	9 48pm	161	192 Dale av.....	Louis Remsy.....	Louis Remsey	Dwelling	Frame.	Defective flue.....	150 00	600 00	1,000 00
Mar. 22	7 00pm	451	622 Lyon.....	.....	.....	.....	.....	Chimney burning out...	.....	.....	.....
Mar. 24	7 14pm	343	177 Sixth av.....	George Storey.....	George Storey.....	Dwelling	Frame.	Gas explosion.....	400 00	2,500 00	3,500 00
Mar. 26	12 31pm	41	E. Br'ge-Lafy'te	.....	.....	.....	.....	False alarm.....	.....	.....	.....
Mar. 29	3 04pm	Still	E.Br'ge-N. Ionia	G. R. Brewing Co...	G. R. Brewing Co...	Brewery.....	Brick ..	Carless hand'g of varn'h	.....	35,000 00	45.000 00
April 1	9 00am	15	N. Canal.....	Mich. Barrel Co.....	Mich. Barrel Co.....	Lumber yard..	Lumb r	Sparks from smoke st'k	.....	15 000 00	30,000 00
April 1	2 36am	Still	Eighth av-S. Div	Salvation Army.....	J. B. Cornelius.....	Barracks	Frame.	Spark from stove.....	20 00	900 00	1,250 00
April 1	2 56am	2	74 Pearl.....	Mrs. Green.....	W. A. Berkey.....	Store	Brick ..	Gas jet left open.....	125 00	350 00	600 00
April 4	11 22am	24	165 Washington..	.....	.....	.....	.....	Chimney burning out...	.....	.....	.....
April 4	8 05am	713	False alarm.....	.....	.....	.....	.....	.....	.....	.....	.....
April 4	12 21pm	343	254 Fourth av...	Miss C. Neukle.....	C. E. Harrington....	Dwelling	Frame.	Gasoline stove.....	590 00	2,600 00	3,700 00
April 6	5 20pm	5	51 N. Waterloo..	G.R.Paint & ColorCo	D. A. Blodgett.....	Commercial...	Frame.	Barrel of asphaltum....	50 00	5,200 00	10,500 00
April 6	6 25pm	23	220 Sheldon.	.....	.....	.....	.....	Chimney burning out...	.....	.....	.....
April 6	12 23pm	18	Union & Barnett	L. Rodenbough.....	Jacob Barth Estate	Dwelling	Frame.	Chimney burning out...	375 00	400 00	600 00
April 8	12 53pm	21	120 Sheldon.....	E. H. Hammond....	E. H. Hammond....	Dwelling	Frame.	Chimney burning out...	.....	.....	.....
April 8	2 20pm	121	90 Mill st.....	Felt Boot Co.....	A. Hodenpyl.....	Factory.....	Brick ..	Picker.....	30 00	.....	400 00
April 11	10 40am	Still	194 Jefferson.....	J. S. Bunnes...	J. S. Burnes	Dwelling	Frame.	Unknown.....	2 00	1,200 00	1,900 00
April 12	5 02pm	714	Front & Earle...	G. R. Manufact'g Co	G. R' Mnfg Co.....	Factory.....	Brick ..	Sparks from smoke st'k	.....	.....	350 00
April 12	10 57am	15	52 Colfax	Mr. Norton.....	Mr. Norton.....	Dwelling	Frame.	Chimney	.....	.....	.....
April 15	7 20am	2	58 Pearl.....	A. E. Albertie..... .	R C. Lnce	Shop	Frame.	Chimney burning out...	5 00	225 00	325 00
April 19	12 38pm	531	Jacks'n-Straight	Frank Hascher.....	Wetzel Hascher....	.....	.....	Ashes.....	.....	.....	.....
April 19	4 20pm	Still	40 W. Bridge....	Mrs. Fisher.....	Mrs Miller.....	Commercial...	Brick ..	Gasoline stove.....	45 00	15,000 00	35,200 00
April 22	7 10pm	5	Waterl'o-Mon'oe	R. S. Brown.....	W. S. Gurn.....	Store.....	Brick..	Oil stove.....	505 00	3,000 00	3,740 00
April 23	12 17pm	131	Canal gate	Mike Hogan.....	E'st Side Wt'r P'r Co	Gate.....	Wood..	Oil stove.....	75 00	.....	160 00
April 23	5 36am	Still	63 S. Division ...	George A. Klamke..	H. T. Platt.....	Smoke house..	Brick..	Unknown.....	.....	200 00	650 00
April 24	8 25am	21	91 Lagrave	Charles A. Kelly....	Chas. A. Kelly.....	Dwelling	Frame.	Gasoline stove.....	20 00	2,200 00	2,700 00
April 26	9 47am	434	108 Harlem av ..	Wm. Cudehy.....	Wm. Cudehy.....	Dwelling	Frame.	Unknown	400 00	.....	500 00
April 26	2 00am	63	452 Alpine av....	R. Kubenfranz.....	Wm. Harrison.....	Dwelling	Frame.	Unknown	575 00	450 00	600 00

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AGGREGATE LOSS BY FIRE PER MONTH.

May	$ 3,639 50
June	42,454 85
July	2,228 80
August	21,950 00
September	2,506 00
October	3,536 40
November	61,119 00
December	457 00
January	13,519 95
February	1,793 00
March	7,480 00
April	2,817 00
	$163,501 50

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COMPARATIVE STATEMENT OF LOSSES BY FIRE SINCE 1871.

From	Sept.	15,	1871,	to	Sept.	15,	1872,	$187,235 00
"	"	"	1872,	"	"	"	1873,	421,145 00
"	"	"	1873,	"	"	"	1874,	120,950 00
"	"	"	1874,	"	"	"	1875,	353,400 00
"	"	"	1875,	"	"	"	1876,	80,000 00
"	"	"	1876,	"	"	"	1877,	17,710 00
"	"	"	1877,	"	"	"	1878,	31,852 79
"	"	"	1878,	"	"	"	1879,	35,573 32
"	"	"	1879,	"	"	"	1880,	16,254 00
"	"	"	1880,	"	"	"	1881,	25,714 00
"	"	"	1881,	"	"	"	1882,	169,739 00
"	"	"	1882,	"	"	"	1883,	77,581 40
"	"	"	1883,	"	"	"	1884,	101,327 50
"	"	"	1884,	"	"	"	1885,	19,798 10
"	May	1st,	1885,	"	May	1st,	1886,	75,747 38
"	"	"	1886,	"	"	"	1887,	58,148 75
"	"	"	1887,	"	"	"	1888,	238,470 89
"	"	"	1888,	"	"	"	1889,	41,042 00
"	"	"	1889,	"	"	"	1890,	78,914 52
"	"	"	1890,	"	"	"	1891,	198,631 55
"	"	"	1891,	"	"	"	1892,	148,655 71
"	"	"	1892,	"	"	"	1893,	163,501 50

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ANNUAL REPORT
OF THE
SUPT. OF FIRE ALARMS.

GRAND RAPIDS, MICH., May 1st, 1893.

To the Honorable Board of Police and Fire Commissioners:

GENTLEMEN:—I hereby respectfully submit my annual report appertaining to the Fire Alarm Telegraph.

There is in service at the present time the following:

99 fire alarm boxes.

76 miles of ærial wire.

915 feet 10 wire underground cable.

208 cells battery.

3,321 feet 15 wire underground cable.

14 gongs.

1,708 feet 25 wire underground cable.

15 call bells for telephone.

4,356 feet single underground wire, one eight circuit repeater and attachments and 8806 feet of pipe underground containing cables and wires.

Of the above number of alarm boxes, fourteen (14) belong to private parties and maintained by the city.

The following work has been done on the system during the year:

Two hundred and eighty-four telegraph poles have been set. Seventy-one poles have been stepped.

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The base of 76 poles have been wound round with wire to protect them from injury by being gnawed into by horses that may be hitched to them. Eighty-nine poles have been taken down. Ten poles have been reset on account of street grading. Five houses have been let to pass under the wires. Twenty and one-half miles of wire have been taken down. Nineteen and one-half miles of wire have been put up. Six thousand two hundred and fifty-four feet of pipe have been laid underground for cables and wire. Three thousand six hundred and ten feet of cable have been threaded into the pipe and four thousand three hundred and fifty-six feet of single wire. Some changes made in the offices at No. 4 necessitated the changing of all the electrical appliances. A new room was set apart for the battery and the battery transferred. All of the over-head wires south of Crescent Ave. to Fulton street have been removed and underground cable put in to take their place. The wires have been taken off South Division street from Oakes to McDowell street and placed in alley between Lagrave and Sheldon streets and Jefferson avenue. They have also been taken off Ellsworth avenue from Fulton to Cherry and put on Calder, and off Grandville avenue from Fifth avenue to Hall street and put on Godfrey avenue.

RECOMMENDATIONS.

I would respectfully recommend that the wires on Front street from Bridge to Pearl street be placed underground. That poles be placed on Second street from Front to Jefferson street and the wires taken off the telephone poles on Bowery,

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Summer, Broadway and First streets and placed on Second street.

Also that there be purchased ten (10) new fire alarm boxes, three hundred (300) telegraph poles, six hundred (600) feet of 35 wire underground cable, nine hundred (900) feet 15 wire underground cable, six hundred (600) feet 20 wire underground cable, fourteen (1,400) hnndred feet 8 wire underground cable and fifteen miles E. B. B. No. 9. galvanized iron wire.

Annexed is a tabulated table showing number of poles occupied and the names of the streets they occupy. Also showing the names of the different companies having wires on city poles.

In conclusion I desire to tender my thanks to your Honorable Board for the courtesy shown me and to the officers and members of the Department for their assistance in making this branch of the service successful.

Subjoined is an inventory of property.

Yours very respectfully,

H. C. BETTINGHOUSE,

Superintendent Fire Alarm.

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THE FOLLOWING TABLE SHOWS THE NUMBER OF CITY POLES AND POLES OF PRIVATE CORPORATIONS UTILIZED BY THE CITY.

NAME OF STREET.	City Poles	Telephone Co. Poles.	Western Union Poles.	G. R. & I. R. R. Poles.	Mich. Postal Poles.	Edison L. & P. Poles.	Telephone Co. Occupy City Poles.	W. U. Occupy City Poles.	Edison Occupy City Poles.	G. R. E. L. & P. Co. Occupy City Poles.
Ann street	10									
Alpine ave		39								
Alabama street	3						3			
Alley rear No. 1 Engine H.	13					4				
Bostwick	4									
Barclay	1						1			
Bartlett	8									
Butterworth ave	8		5							
Bridge street, East	30	25					30			
Bridge street, West	22						22			
Bowery		9								
Broadway		4								
Bradford	15									
College ave	5	13					5			
Cherry	23	3					23			
Campau	2						1		1	1
Coldbrook	6									
Canal	22	42					22			
Coit ave	14									
Court	4									
Calder	10									
Dimond	15									
D street	9						9			
Dickinson ave	9						9			
Ellsworth ave		7								
Eighth	3						3			
East	11						10			
Fountain	9						9			
Fulton East	2						2			
Fulton West		19								
Front North	47	12					47			
Front South		30								
Fifth ave	25						25			
First		10								
Grandville ave	9	35								
G. R. & I. R. R.				4						
Garden	4									
Griggs ave	8						8			
Godfrey ave	18						8			
Hall	39						33			
Houseman										
Ionia South	7	7								
Ionia North	4									
Island	6						2			1
Jefferson ave	2						60			
Jackson	65									
Jefferson	18						12			
Kent	7								2	
Lyon	2								2	1

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THE FOLLOWING TABLE SHOWS THE NUMBER OF CITY POLES AND POLES OF PRIVATE CORPORATIONS UTILIZED BY THE CITY.—CONTINUED.

NAME OF STREET.	City Poles	Telephone Co. Poles.	Western Union Poles	G. R. & I. R. R. Poles.	Mich. Postal Poles.	Edison L. & P. Poles.	Telephone Co. Occupy City Poles.	W. U. Occupy City Poles.	Edison Occupy City Poles.	G. R. E. L. & P Co. Occupy City Poles.
Leonard East	12	12	....	....	....	....	....	....	....	....
Leonard West	1	40	....	....	....	....	....	....	....	....
Livingston	17	....	....	....	....	....	17	....	....	....
Lafayette	19	....	....	....	....	....	....	....	....	....
Michigan	11	....	....	....	....	....	....	....	....	....
Madison	9	....	....	....	....	....	....	....	....	....
Madison ave	1	....	....	....	....	....	1	....	....	....
Mill	4	....	....	....	....	....	4	....	....	....
Marion	7	....	....	....	....	....	....	....	....	....
Muskegon	8	....	....	....	....	....	....	....	....	....
Martha	6	....	....	....	....	....	....	....	....	....
Maple	4	....	....	....	....	....	....	....	....	1
Newberry	4	....	....	....	....	....	....	....	....	....
North ave	10	....	....	....	....	....	....	....	....	....
North	11	....	....	....	....	....	11	....	....	....
North to D. M. Junction	12	....	....	....	....	....	12	....	....	....
Oakes	5	5	....	....	....	....	5	....	....	....
Oakland ave	3	....	....	....	....	....	3	....	....	....
Pine	6	....	....	....	....	....	....	....	....	....
Prospect	16	....	....	....	....	....	16	....	....	....
Prescott	11	....	....	....	....	....	7	....	....	....
Pearl	....	7	....	....	....	....	....	....	....	....
Plainfield ave	14	....	....	....	....	....	14	....	....	....
Shawmut ave	4	....	....	....	....	....	4	....	....	....
Sheldon	2	1	....	....	....	....	2	....	....	....
Stocking	....	3	....	....	....	....	....	....	....	....
Straight	18	....	....	....	....	....	....	....	....	....
Sherman	9	....	....	....	....	....	....	....	....	....
Summer	....	4	....	....	....	....	....	....	....	....
Sixth	7	....	....	....	....	....	....	....	....	....
Sweet	7	....	....	....	....	....	4	....	....	....
Third	2	....	....	....	....	....	2	....	....	....
Third ave	7	....	....	....	....	....	....	....	....	....
Trowbridge	2	....	....	....	....	....	2	....	....	....
Tenth	7	....	....	....	....	....	7	....	....	....
Turner	....	4	....	....	....	....	....	....	....	....
Union	15	....	....	....	....	....	15	....	....	....
Webster	1	2	....	....	....	....	1	....	....	....
Wealthy ave	56	....	....	....	....	....	50	....	....	....
Walbridge	2	....	....	....	....	....	2	....	....	....
Winter	3	....	....	....	....	....	3	....	....	....
Washington	7	....	....	....	....	....	7	....	....	....
Watson	7	....	....	....	....	....	....	....	....	....

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INVENTORY OF FIRE ALARM DEPARTMENT.

400	Glass insulators	$ 12 00
700	Wooden pins	4 00
880	Pole steps	30 00
30	Braces for cross arms	3 00
37	Iron pins	3 70
23	Circuit breaks	12 00
44	Six pin cross arms	10 00
54	Four pin cross arms	8 00
11	Eight pin cross arms	2 00
1	Gross 2½ inch staples	50
100	Glass jars, 6x8	20 00
190	Jars of battery	115 00
32	Coppers for battery	3 20
112	Zincs for battery	31 00
140	Old zinc	5 00
1	Take up reel	3 00
3	Tamping bars	2 50
2	Spoon shovels	3 00
3	Long handle shovels	3 00
18	Pike poles	15 00
1	Standard for fire alarm box	5 00
2	Cant hooks	4 00
½	Mile wire	8 00
2	Hand axes	2 00
3	Belts	2 00
2	Old pliers	1 00
2	New pliers	3 50
3	Pair connectors	6 00
1	Old pair connectors	75

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2	Monkey wrenches	1 00
1	Lag screw wrench	1 50
1	Screw driver	50
1	Cold chisel	60
1	Punch	25
1	$\frac{1}{4}$, $\frac{1}{2}$ and 3 old bits	1 50
1	2 inch chisel	1 00
8	Pounds solder	1 60
2	Gasoline fire pots	8 00
2	Pair climber straps	1 50
1	Pay out reel	5 00
17	Pounds rope	1 50
2	Light steel bars	5 00
2	Heavy steel bars	5 00
2	Pad locks	1 00
2	Tool boxes	5 00
1	Ten foot extension ladder	3 00
1	Line wagon	20 00
2	Pair old climbers	1 00
1	Gin	4 00
1	Spade	75
1	Pair blocks, heavy	6 00
1	Tamping bar	50
2	Light chains	4 00
1	Sand screen	50
7	150 pound bells	250 00
1	1,300 pound bell and striker	500 00
1	4,000 pound bell and striker	2,000 00
1	8 circuit repeater and attachments	1,000 00
85	Fire alarm boxes	6,700 00
5944	Feet underground cable	1,666 00
4356	Feet underground wire	217 00
8806	Feet pipe underground	1,320 00
14	Gongs	1,200 00
15	Relay bells	45 00
300	Feet lead covered wire	12 00
450	Feet okenite covered wire	15 00
15	Pounds office wire	3 00
1	Lantern	2 00
11	Small battery jars	1 00

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500	Feet cross arm stuff	8 00
40	Feet 1½ inch gas pipe	2 50
2	Set taps and dies	10 00
	Sundry supplies	100 00
	Rheostat and galvanometer	100 00
136	Poles in yard	667 00
876	Poles set with cross arms	4,380 00
76	Miles ærial wire up	2,280 00
	Total	$ 22,876 35

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